Groundwater Contamination in Pullman, Michigan

Review of State Environmental Records for the Pullman Road & 109th Avenue Site (MDEQ/EGLE Site ID 03000163)

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Executive Summary

This report summarizes the review of 1,147 public records from Michigan's Department of Environment, Great Lakes, and Energy (EGLE) Remediation Information Data Exchange (RIDE) database covering a two-decade response to groundwater contamination in the village of Pullman, Lee Township, Allegan County. The records document the detection of industrial chemical contamination in community drinking water wells, the state's response and remediation efforts, and the status of the project until database records end in 2011.

Pullman Road and 109th Avenue was home to the Pearl Creamery until 1953 and later, until 2004, to Pullman Industries Inc. (PII), a manufacturer of metal parts and trim for the automotive industry. Industrial solvents and degreasers used in the manufacturing process, primarily tetrachloroethylene (PCE) and trichloroethylene (TCE), were present in the soil and groundwater beneath and around the property. These are chemical compounds commonly used in industrial settings that can pose health risks at elevated concentrations in drinking water.

In 1991, the Michigan Department of Public Health (MDPH) was notified of concerns about drinking water quality among Pullman community members. Testing confirmed that a number of residential and commercial wells had been contaminated by underground leaks of these industrial chemicals. Subsequently, both state and local agencies undertook a response sustained over the years that included well replacement, scientific investigation, and planning for groundwater remediation. Those efforts are the subject of this report.

Scale and Nature of the Contamination

Investigations conducted from 1993 through 2010 identified contamination across a wide area of the Pullman community. At least 87 wells were tested, with contamination confirmed at least in 53 of them. State-funded assessments estimated the underground contamination plume at approximately 1,200 feet long by 300 feet wide, extending in a southwestward direction toward Scott Creek.

Chemical concentrations detected were at times exceptionally higher than residential health standards. PCE was detected in soil at levels up to 34 times the residential protection criteria, and TCE was found in groundwater at up to 24 times the safe drinking water threshold. The PII plant site was identified as the primary source of contamination, with leaking storage containers and an underground tank on the property confirmed as release points. The contamination plume was naturally bounded on the south by Scott Creek, which appeared to act as a hydraulic barrier preventing further southward spread, though the creek itself was identified as a probable recipient of discharging contaminated groundwater.

State Response and Remediation Activities

Michigan's Department of Environmental Quality (MDEQ) coordinated the response to the contamination over a period of approximately 15 years. Key actions included:

- 1991–1997: Bottled water was supplied to approximately 30 affected households while regular soil and groundwater testing (which continued at least until 2011) was conducted and longer-term solutions were developed.
- 1996: MDEQ authorized $1 million in Quality of Life Bond funds to investigate the contamination and begin remediation planning.
- 1997: Between 29 and 37 new, deeper residential wells were installed across the community to replace contaminated ones. Six properties that could not obtain sufficient water from the new wells were later connected to a shared Type III well, which became operational in March 2001.
- 1997: Engineering firm ABB completed a detailed site investigation confirming the PII property as the contamination source and defining the extent of the plume.
- 1998-1999: PII undertook a series of on-site cleanup actions, including the removal of contaminated tanks, drums, and sludge, and a short-term soil vapor extraction trial that reportedly reduced soil chemical concentrations by approximately 50%.
- 2000: MDEQ awarded a $1.3 million contract to engineering firm Harding ESE (later MACTEC) to design and install a permanent groundwater pump-and-treat remediation system and operate it for 10 years.
- 2002–2005: FTCH completed a comprehensive remedial investigation, a feasibility study, and a pilot Air Sparging/Soil Vapor Extraction test at the site, all in preparation for a permanent remediation system. The pilot test demonstrated that the proposed approach could be effective.

Liability Determination

A central issue throughout the response was the question of legal responsibility. The original Pullman Industries dissolved in 1985, and a new corporation with the same name was formed immediately thereafter. MDEQ determined in November 1999 that the current Pullman Industries was not a legally liable party as the underground tank most responsible for the release had been installed by Pearl Creamery (the original occupant of the site) before the current company came into existence. This determination was internally debated, with at least one MDEQ attorney disagreeing in writing with the conclusion.

Notwithstanding the liability determination, Pullman Industries cooperated voluntarily with remediation efforts. The company contributed at least $125,000 toward the installation of the shared Type III well and donated the land on which it was located. The company also donated the factory site's property to the Bloomingdale School District in 2004; the building was demolished in 2007, and the site was converted to a sports field and bus parking lot.

Project Status and Unfinished Work

In March 2006, the MACTEC/FTCH engineering contract was closed out prior to the completion of its principal deliverable, which was the design and installation of the groundwater remediation system. Available records cite funding limitations as the reason, though no document is conclusive on this aspect. No successor contract was awarded, and no alternative remediation plan was put in place at least until 2011, when EGLE records end.

In November 2008, MDEQ formally classified the Pullman project as "Approved Partial Closure," indicating that the project remained open but that further action was contingent on the availability of additional funding. The agency estimated that approximately $1.55 million in additional funds would be needed to complete the project, including 10 years of operation and maintenance of a remediation system. Total state expenditures on the project through 2008 stood at approximately $1.16 million.

Planned remediation actions not carried out included the installation of the permanent groundwater pump-and-treat system (the core deliverable), a permanent soil vapor extraction deployment, and the cleaning of contaminated drainage and piping infrastructure inside the former PII building. Bloomingdale Public School's demolition of the factory structures removed the physical contamination source from the site.

Well testing results from 2006 through 2011 showed a substantial improvement, with virtually all tested wells returning results below harmful thresholds. This trend may reflect a combination of natural attenuation over time and the effectiveness of earlier remediation activities. However, the state's records end in 2011, and no assessment of the status of the underground plume is available in the public record after that date.

Outstanding Questions

After this review, several important questions remain without definitive answers:

- Current status of the plume: The lack of technical studies after 2011 raises doubts about the current status of the plume and its migration pathway.
- Long-term well safety: While well testing between 2006 and 2011 showed largely favorable results, the 2008 MDEQ status report served as a reminder that, absent an effective remediation system, both regular and replacement wells remained at risk from the plume. No sampling, monitoring, or assessment reports are available in EGLE's database to clarify how contamination levels evolved in the last 15 years.
- Scott Creek water quality: Engineering reports identified the creek as a probable discharge point for contaminated groundwater. No water quality assessment of the creek is included in the EGLE records to understand its current status.
- Remediation system implementation: The project was left in "Approved Partial Closure" status in 2008. Whether any further remediation was ever planned or undertaken is not reflected in the EGLE records.

Background

The Pullman Road and 109th Avenue facility, located within the village of Pullman in Lee Township, Allegan County, originally housed the Pearl Creamery and later, from 1953 until 2001, Pullman Industries Inc. (PII). This site came to the attention of Michigan's Department of Environmental Quality (MDEQ) in 1991, when several residential water supply wells in Pullman were discovered to be contaminated with a variety of volatile organic chemicals (VOC) stemming from gasoline constituents, industrial solvents and degreasers, and cleaning compounds. Pullman Industries, which fabricated metal parts and trim for the automotive industry, was found to be the source of the soil and groundwater contamination, which created a large underground plume and ultimately impacted at least 57 wells and the nearby Scott Creek.

The original Pullman Industries dissolved in 1985, and a new entity also called Pullman Industries was formed that same year and began operating at the property. In 1999, an MDEQ review of corporate records concluded that the old entity had legally dissolved and the new entity was a non-liable party for contamination at the property. The "new" Pullman Industries ceased manufacturing at this location in 1998, and for the next three years it was used as warehousing. In 2001, the plant ceased all operations and the property became vacant. Pullman Industries donated it to the Bloomingdale School District in 2004, which demolished the plant building in 2007 and transformed the site into a sports field and a bus parking lot. What was labeled at MDEQ as the "Pullman Ave and 109th Ave" project started in 1991 and appears to have ended in 2006, although there is no formal project closeout record available. During this period, the MDEQ and the Allegan County Health Department (ACHD) worked together to conduct hundreds of water well sample testing events at over 80 wells across the community. The MDEQ spent approximately $1.16 million on activities intended to monitor, scope, and remediate the contamination plume, and prevent its further expansion.

This report is based on a detailed review of the 1,147 public records available at the Michigan Department of Environment, Great Lakes, and Energy's (EGLE) Remediation Information Data Exchange (RIDE) database under the location ID for Pullman (03000163). The review included resident notification letters, lab testing results, project management and contracting documentation, work plans, site reports, internal memos, and e-mail communications. The review has been done manually and supported later for summarization purposes by an Artificial Intelligence system. EGLE records start in 1977 (with a handful of exceptions dating back to 1951) and end in 2011.

Chronological Narrative

This section provides a chronology of events related to soil and groundwater contamination in Pullman, as documented in the EGLE database. The contamination, primarily involving tetrachloroethylene (PCE), trichloroethylene (TCE), and 1,1,1-trichloroethane (1,1,1-TCA), affected almost 60 residential and commercial wells from 1991 through at least 2011, when the EGLE records end.

1991: First Detection

The contamination crisis in Pullman came to light in 1991, when residents began complaining of bad odors in their residential water.[1] The first formal contamination detection notice in the EGLE database was sent by the Michigan Department of Public Health (MDPH) on May 9, 1991, to a residential address at 860 56th Street, near Pullman Elementary School.[2] Later that same year, on November 15, 1991, Pullman Industries, Inc. (PII) notified the Michigan Department of Natural Resources (MDNR) of a potential involuntary contamination incident involving lead paint at its facility. State authorities determined that there were "no adverse environmental problems" stemming from the self-reported incident.[3]

1993: Contamination Confirmed Across Dozens of Wells

The period from March 1993 through April 1994 marked a significant escalation in the understanding of the contamination's scope. MDNR conducted sampling tests at more than 50 wells across Pullman, confirming that at least 27 were contaminated with a variety of pollutants, including PCE and TCE. This systematic investigation came more than 2 years after the first contamination had been reported.[4]

On August 20, 1993, MDNR approved the supply of bottled water to 3 contaminated addresses. This arrangement would eventually extend to approximately 30 households and continue until 1997.[5] Four days later, on August 24, a second residential contamination notice was added to the EGLE database, this one for a property at 5582 109th Avenue (Rcor Terra).[6]

September 1993 brought an additional environmental concern: a contractor wrote to MDNR requesting permission to remove contaminated soil from a leaking underground storage tank (LUST) site at the former Pullman Marathon/Pullman Auto Body Shop at 5593 109th Avenue. The tank had leaked solvents into the surrounding soil, and the MDNR contractor was managing the cleanup. No further documentation on this incident appears in the EGLE database.[7]

By November 1993, MDNR had moved to formally hold Pullman Industries accountable. On November 12, the agency notified PII that its plant was in noncompliance with environmental regulations and demanded a series of timely remedial steps.[8] On that same date, MDNR also formally notified Lee Township that 7 types of contaminants had been detected in the Township's own well.[9] Twelve days later,

[1] This is cited in MDEQ Site Summaries and other background documents, such as ID138.
[2] ID10 and ID11.
[3] ID12.
[4] ID69.
[5] ID6.
[6] ID13.
[7] ID4.
[8] ID93.
[9] ID92.

on November 24, PII acknowledged potential responsibility and contracted the engineering firm Gove Associates to pursue remedial solutions.[10] An internal MDNR memo written two and a half years later, in July 1996, would characterize those solutions as "very limited."[11]

1994–1995: Health Advisories and Expanding Investigations

On June 10, 1994, the MDPH issued a formal Health Advisory for Pullman and provided Lee Township with a status update confirming that more than 20 contaminated wells had been detected across the community.[12]

Nearly a year later, on April 28, 1995, MDNR issued a Michigan Environmental Response Act (MERA) Authorization. That document confirmed 20 wells as contaminated with another 20 suspected but unconfirmed, noted that VOC sampling was being conducted at over 70 wells in the area, and acknowledged an ongoing investigation around a designated Act 307 site. Critically, it recommended that the Township begin evaluating alternative water supply options and suggested that FY95 Quality of Life bond funds be tapped to address the contamination.[13]

1996: State Funding Secured and Investigation Deepened

On July 9, 1996, a Lee Township contractor (Alpha GeoSciences) produced an alternative water supply options report, funded by MDPH, and presented its findings to affected residents at a community town hall meeting. The report delimited the affected area to 54 residential buildings, 15 commercial establishments, an industrial facility (the PII plant), the township hall, and a school, comprising as many as 250 people. The report deemed only 2 realistic water supply alternatives: replacing individual contaminated wells with deeper wells or developing a Type I water supply system. The report categorized the latter as a cleaner solution but a costlier one, while the former was a more economic option but potentially vulnerable to contamination.[14] The MDNR chose well replacement.

The following month, on August 20, 1996, the Michigan Department of Environmental Quality (MDEQ, the successor to the MDNR) authorized $1 million in Quality of Life Bond funds to remediate the contamination. The funding was intended to define the extent of the problem, remove the contamination source, and dispose of it responsibly. At this stage, PII had not yet been formally confirmed as the sole or primary contamination source.[15]

On September 6, 1996, MDEQ contracted the engineering firm ABB to identify the contamination source area. ABB's fieldwork, conducted between March and April 1997, involved collecting samples from 38

[10] ID94.
[11] ID138.
[12] ID71.
[13] ID47.
[14] ID143.
[15] ID136.

locations at and around the PII site. The resulting report, completed on July 9, 1997, was highly consequential. It identified a shallow aquifer 4 to 7 feet underground and confirmed that the primary contaminants in soil and groundwater were PCE, TCE, and 1,1,1-TCA. Twelve additional contaminants were also identified. Crucially, the report confirmed that the contamination plume originated at the Pullman Industries site, with 3 leaking barrels and an underground cistern or tank on PII's property identified as the sources. The plume was estimated to extend 1,200 feet long by 300 feet wide. This report became the basis for requiring PII to take responsibility and implement remedial action.[16]

In parallel, on October 11, 1996, MDEQ requested $200,000 from the approved $1 million Bond funds to install 29 replacement wells, decommission the contaminated wells, and monitor 49 additional wells at risk.[17] By September 1997, between 29 and 37 replacement wells were installed across Pullman.[18]

1997–1999: PII Remediation and Liability Negotiations, and Installation of a Type III Well

Beginning in July 1997, MDEQ initiated engagement with Pullman Industries regarding formal remediation actions.[19] PII generally demonstrated a willingness to cooperate, though at the same time it proactively sought to limit its legal exposure.[20] The company's remedial commitments included conducting an environmental audit, the removal and cleanup of the contaminated cistern, 4 contaminated water drums, and sludge; and the installation and two-week-long operation of a portable Soil Vapor Extraction (SVE) system.[21] After some delay, these actions finally took place in April 1998.

On December 18, 1997, the first formal meeting between MDEQ and PII to discuss the legal liability question took place.[22] A back-and-forth of letters between MDEQ and PII's legal advisors (Dean & Fulkerson) ensued over the following 2 years.[23] The liability question was formally resolved in November 1999. After consultations with the Attorney General's Office, MDEQ formally notified Dean & Fulkerson that PII was not considered a responsible or liable party for the contamination plume underneath the factory site, given that the leaking underground tank had been installed by Pearl Creamery, a prior occupant of the site, well before the current PII corporation came into existence.[24] At least one MDEQ attorney vigorously dissented from this decision in writing.[25] Despite being cleared of legal liability, PII

[16] ID185, ID245, ID267
[17] ID174.
[18] ID256. This entry includes the replacement record for each well, with addresses and well specifications.
[19] ID260.
[20] ID250.
[21] ID329.
[22] ID314.
[23] ID304, ID299, and others.
[24] ID369.
[25] ID384.

subsequently committed to contributing both funding and property to ongoing community remediation efforts, as described below in more detail.[26]

It was also during this period, in October 1997, that MDEQ discovered that 7 of the newly installed replacement wells were malfunctioning due to weak water flow. MDEQ decided to address this by connecting those affected wells to a shared Type III municipal well, to be owned by Lee Township.[27] MDEQ provided $100,000 to the Township in July 1998 for this purpose, added another $150,000 in May 1999, and extended the implementation contract through May 2001.[28] The Type III well was finally connected and fully operational in March 2001.[29] It was installed on a site donated by PII, and the company also contributed at least $125,000 toward its installation.[30] It is not 100% clear from the documentation whether PII paid for the shared well in full or only in part.

2000–2001: Potential Plume Expansion Recognized; Harding ESE Remediation Contract Initiated

By 1999, MDEQ had recognized that the contamination plume would inevitably migrate further downgradient, placing more than 20 additional wells at risk in the coming years.[31] In response, on August 8, 2000, MDEQ authorized $1.3 million to start developing a remediation system, a comprehensive groundwater pump and treatment system intended to prevent the plume impacting those threatened wells. The contract was awarded to Harding ESE as the primary engineering firm, with Fishbeck, Thompson, Carr, and Huber (FTCH) as a subcontractor.[32] Harding ESE's scope of work included updating the delineation of the plume, designing and installing the pump and treatment system (including an Air Sparging and Soil Vapor Extraction (AS/SVE) system), and operating and maintaining it for 10 years.[33] The initial expectation was that the system would be installed within 2 to 3 years.

2002–2003: Remedial Investigation Report; New Contaminants Found at the PII Site

In July 2002, FTCH produced a Remedial Action Investigation report confirming that PCE and TCE remained present in soil and groundwater samples, both at the PII site and beyond.[34] The report updated the plume's delineation: the contaminated core had migrated further downgradient toward Scott Creek, though no lateral expansion had occurred. Groundwater PCE levels near the PII plant were declining, but TCE levels at the downgradient edge were rising. Significantly, the report identified Scott Creek as a probable receptor of contaminants and noted that the creek appeared to function as a natural hydrologic

[26] ID371 and others.
[27] ID302, ID343.
[28] ID296, ID356, ID357, ID372, ID374.
[29] ID347.
[30] ID371.
[31] ID361.
[32] ID359, ID363.
[33] ID344, ID350, ID365.
[34] ID460, ID524.

barrier, limiting the plume's southward expansion. This finding was corroborated in a subsequent FTCH report issued in June 2004.[35]

In 2002, Pullman Elementary School connected to the Type III well system, which, with the school's addition, elevated the system's classification to a Type II well system.[36] Separately, Bloomingdale Public Schools had begun due diligence in preparation for acquiring the PII site. During fieldwork conducted in July and August 2003, Bloomingdale-contracted investigators discovered the presence of arsenic on the property as well as a pit containing contaminated waste metals and concrete slabs — additional contamination not previously documented.[37] By November 2004, Bloomingdale P.S. had assumed ownership of the PII site, with plans to demolish the plant structure and convert the property into school playgrounds and a bus parking lot.[38]

On November 10, 2003, FTCH and MDEQ discussed the township's fire department's intent to install a new well for firefighting purposes. An MDEQ technical evaluation concluded that intensive water extraction at that location could displace the plume's migration pathway, undermining remedial efforts already completed and those being planned, and creating a new environmental threat. The evaluation strongly recommended placing any new well (especially a high-intensity one) on the upgradient of the plume, away from the direction of flow.[39]

2004–2005: PII Sewers and Replacement Well Contaminated; $1.75M Committed to Date

In January 2004, FTCH proposed conducting a groundwater modeling study to help guide the design of the groundwater remediation system and placement of the system's wells.[40] The study confirmed that the fire department's well could hamper remediation efforts and should be placed on the upgradient of the plume. In April 2004, FTCH developed a work plan for a pilot AS/SVE system to be deployed at the PII site, intended to test its capacity to extract VOCs from soil and groundwater there over a 6-month period.[41]

On September 16, 2004, FTCH produced a sampling report conducted at 9 sumps and manhole sites at the PII facility, examining whether the storm sewer and floor drainage system had become a vector for contamination. The results showed varying concentrations of VOCs and other contaminants, though it remained unclear whether the sewer system itself had leaked into the soil.[42] MDEQ acknowledged internally that this dimension of the PII site had been overlooked in prior investigations.[43] A work plan

[35] ID723.
[36] ID557.
[37] ID550, ID632.
[38] ID566, ID781.
[39] ID593, ID594, ID723.
[40] ID673
[41] ID565, ID609, ID649, ID651, ID729.
[42] ID760.
[43] ID779.

stemming from this report was not issued until February 4, 2005, nearly a year after the original sampling in March 2004, illustrating a pattern of slow institutional response that had characterized the remediation effort since 1993.[44]

On February 7, 2005, MDEQ reported that VOCs had been detected in 3 consecutive sampling rounds (between August 2004 and January 2005) at a replacement well at 885 Pearl Street, the home of a former Township supervisor. This well, drilled in 1997 and reaching a depth of 134 feet, was the first replacement well found to be contaminated. In response, MDEQ indicated that it was considering encouraging the Township to develop "a municipal water supply system for the whole area."[45]

In July 2005, an internal MDEQ memo noted that approximately $1.75 million had been committed to the Pullman project to date, with an additional $1 million commitment expected through the project's planned closure in 2015 to support a 10-year operation and maintenance phase.[46] An August 29, 2005 MDEQ site status report indicated that project closure had been revised from 2011 to 2015 due to ongoing delays in approving the groundwater remediation solution.[47]

2006–2007: MACTEC Remediation Contract Closed Abruptly; PII Site Demolished

In March 2006, the MACTEC/FTCH contract, which was the primary vehicle for all active remediation work in Pullman, was abruptly closed out, just a few months after being extended through 2015. No documented rationale was provided beyond a brief reference to a lack of available funding.[48] With this contract terminated and no replacement contract or request for proposals documented in the EGLE database, contamination remediation efforts appear to have effectively ceased at that point.

In November 2006, as the MACTEC contract was all but terminated and no successor arrangement was in place, MDEQ's 2007 Action Plan included a $1 million request for "the remedy" at the Pullman and 109th Avenue project, along with $200,000 for 10 years of operation and maintenance.[49] There is no documentation in EGLE referencing the approval or implementation of that funding.

In May 2007, MDEQ personnel abandoned (i.e., decommissioned) a set of wells at the PII site that had been installed for the SVE system and periodic sampling, suggesting that active monitoring and remedial work at the source site was coming to an end.[50]

In October 2007, Bloomingdale Public Schools proceeded with the demolition of the PII plant structure. Working with Villa Environmental Consultants, the school district excavated the facility's drainage and

[44] ID746.
[45] ID743, 827.
[46] ID874.
[47] ID871.
[48] ID915, ID939, ID944, ID945, ID979.
[49] ID966.
[50] ID965, ID990.

piping systems, removed contaminated sediments, cleaned production areas, and closed the plant's production wells.[51] With this work completed in accordance with Bloomingdale P.S.' Due Care plan, the PII site itself was considered environmentally safe from that point forward.

2008–2011: Project on an Indefinite Hold; Virtually No Contamination Detected Through 2011

A November 21, 2008, MDEQ site status report formally classified the Pullman project as "Approved Partial Closure" (APC), effectively on hold pending the availability of funding to install the groundwater remedial action system. The report noted that $1.55 million in FY2010 and FY2011 funds would be needed to complete the project, including the 10-year operation and maintenance phase, and warned that "downgradient and replacement wells continue to be at risk from the plume." Total expenditures to that point stood at $1.156 million.[52]

On March 25, 2008, a contamination notice was issued to the Township's fire department after 3 types of VOCs were detected at their well.[53] This was the first new contamination detection noted in the EGLE records since January 2006.[54] The fire department well would prove particularly difficult to decontaminate, with contamination records persisting into 2009.[55]

Groundwater and soil sampling were conducted periodically and systematically throughout Pullman from 1993 through 2010, encompassing hundreds of sampling events across at least 87 addresses, as documented in an October 2010 summary report.[56] The final 250 or so EGLE entries, spanning 2006 through 2010, are dominated by well testing records, and virtually all of them produced non-detections or trace detections below harmful thresholds. This pattern suggested that most tested wells in Pullman had been cleared of VOC contamination by 2011, though no formal record exists to confirm this.

The EGLE records come to an end in early 2011.

An April 2009 EGLE entry, MDEQ's ERD File Inventory, helps document the project's trajectory, confirming that PII contamination documentation dated back to 1991, that the primary remediation contracts (ABB and Harding ESE/MACTEC) ran from 1996 to 2006, and that no follow-up project had been initiated in the 3 years since MACTEC's contract closed in 2006. The inventory lists 27 major reports, most of which are included in the RIDE files for consultation.

[51] ID1000, ID1001.
[52] ID1063.
[53] ID1082.
[54] ID743, ID827, ID933.
[55] ID1047.
[56] ID1123.

Four Research Questions

The scope of work for this assignment included the following research questions:

1) What Are All the Sources of Data on Pullman Water Quality?

Please refer to Annex 4 (Most Relevant Documents) and Annex 5 (Top 25 Must-Read Documents).

2) What Determinations Have Been Made by Local/State Governments on Pullman's Water Quality, and When Were They Made?

EGLE records do not document any formal determinations by local or state government leading to restrictions or limitations on the location of wells in the Pullman community.

In 1994, in response to the emergence of over 20 VOC-contaminated wells, MDPH established a Health Advisory Area in Pullman, informed Lee Township that it could not guarantee monitoring, and recommended limiting the construction of new wells.[57] There's no additional information in EGLE on this matter.

In November 2003, MDEQ issued an internal memo discussing the potential impact on the plume if the fire department installed a new water supply well. The well would be located north of Scott Creek and 200 ft. south of the plume's southern boundary (near its downgradient). The report indicated that, depending on the frequency and the intensity of use by the fire department, the well could end up causing a shift in the migration path of the plume, which would render ineffective the remedial efforts implemented to date and create a new contamination path. In consequence, the report recommended installing the fire dept. well at a different location, either on the upgradient of the plume or south of Scott Creek, given that it serves as a natural barrier to the plume.[58] Later that month, the Allegan County Environmental Health team and MDEQ-Lansing, which produced the technical evaluation, exchanged emails on this subject. The former provided data on water usage levels by the fire dept. and informed that placing the well south of Scott Creek was not possible because that was outside of the Township's limits. The latter indicated that regardless of water usage levels, the proposed well location was not a good idea and insisted that the well be located upgradient to prevent hampering the remediation system.[59]

Separately and unrelated, an internal MDEQ draft memo (unspecified date sometime after 2009) discussed relevant facts to consider in relation to opening a new well for a day care located at 909 Pullman Ave.[60] The document did not describe any specific formal or informal limitations to doing so. There was only a recommendation to dig "the deeper the better," to sample the soil periodically on the

[57] ID79.
[58] ID593.
[59] ID594.
[60] ID1108.

way down the boring hole, and to consider connecting to the Type III well system in town. The document also recommended the local health dept. issue a temporary well permit that could be changed into a drinking water permit once the tested samples came back with non-detect results.[61]

3) What Tests, if Any, Have Been Conducted on Pullman's Monitoring Wells?

The EGLE database documents the installation of 23 monitoring wells in Pullman: three by Gove Associates in 1994, located at the PII plant site, and 20 by FTCH across the Pullman community in 2001. There are 7 abandonments documented: 2 at the PII site, 4 south of Scott Creek, and 1 north of Scott Creek. Between 1993 and 2011, monitoring wells were utilized for sampling on numerous occasions, mostly by ABB and FTCH.

The EGLE database includes at least 10 documents with maps displaying the location of monitoring wells, listed below. Please refer to Annex 3 for a series of maps of monitoring well locations.

Table 1. Monitoring Well Location Maps in the EGLE Database.

ID Number	Date	Document Title	Document Description
ID72	5/31/1994	Buchalco Pullman Industries Incorporated- Freed Gove Associates Incorporated - Installation and Sampling of Monitoring Wells	Map of 3 monitoring wells at the PII site, installed by Gove.
ID480	7/30/2001	Harding Lawson Associates- Proposed Monitoring Well Locations	Map of the 20 monitoring wells installed by FTCH.
ID524	7/24/2002	Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation	Figure 3, Page 24: FTCH monitoring well locations.
ID598	November 2003	Residential Well Investigation Map	Map of FTCH monitoring wells installed in proximity to 849 Pullman Ave.
ID669	1/21/2004	Mandle MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Flow Rate Estimates	Map with locations of 10 of FTCH's monitoring wells.
ID710	5/20/2004	Fishbeck Thompson Carr and Huber Incorporated- Drinking Water Well Contaminant Investigation	Report includes a monitoring well map and test results for 4 monitoring wells close to 849 Pullman Ave.
ID796	5/3/2005	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Information Regarding Monitoring Well Installations	Map with 5 new monitoring wells proposed by FTCH.
ID853	8/22/2005	Fishbeck Thompson Carr and Huber Incorporated- Groundwater Monitoring Report	Map of FTCH monitoring wells as of January 2005.
ID852	9/26/2005	Fishbeck Thompson Carr and Huber Incorporated- Groundwater Monitoring Report	Map of FTCH monitoring wells as of July 2005.
ID850	10/26/2005	Fishbeck Thompson Carr and Huber Incorporated- Quarterly Groundwater Monitoring Report	Map of FTCH monitoring wells as of April 2005.

[61] ID1108.

For monitoring well sample testing and results, please refer to the following documents:

Table 2. Monitoring Well Testing Results Documented in the EGLE Database.

ID Number	Date	Document Title	Document Description
ID78	5/3/1994	Fire and Environmental Consulting Laboratories Incorporated- 4-21-1994 Soil Sampling Results - K13827-14	Results from tests at 3 monitoring wells.
ID79	5/3/1994	Fire and Environmental Consulting Laboratories Incorporated- 4-25-1994 Groundwater Sampling Results - K13827-10	Results from tests at 3 monitoring wells.
ID477	6/12/2001	6-11-2001 Water Sampling Results - 0106084	Water sampling results.
ID471	8/7/2001	8-7-2001 - 8-9-2001 Water Sampling Results - 0108119	Water sampling results.
ID454	10/26/2001	TriMatrix Laboratories Incorporated- 10-9-2001 - 10-11-2001 Water Sampling Results - 35826-1	Water sampling results.
ID524	7/24/2002	Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation	Results from tests at 20 monitoring wells.
ID618	7/1/2003	6-26-2003 and 6-27-2003 Water Sampling Results - 30700006	Water sampling results.
ID681	12/1/2003	TriMatrix Laboratories Incorporated- 11-13-2003 Water Sampling Results - 36390-2	Water sampling results.
ID731	3/18/2004	3-17-2004 Water Sampling Results - 40300188	Water sampling results.
ID710	5/20/2004	Fishbeck Thompson Carr and Huber Incorporated- Drinking Water Well Contaminant Investigation	Report includes monitoring well map and test results for 4 monitoring wells close to 849 Pullman Ave.
ID741	9/20/2004	9-14-2004 - 9-16-2004 Water Sampling Results - 40900200	Water sampling results.
ID786	9/20/2004	9-15-2004 and 9-16-2004 Water Sampling Results - 40900201	Water sampling results.
ID823	1/21/2005	1-18-2005 - 1-20-2005 Water Sampling Results - 50100146	Water sampling results.
ID794	6/6/2005	TriMatrix Laboratories Incorporated- 5-16-2005 and 5-17-2005 Water Sampling Results - 36875-1	Water sampling results.
ID853	8/22/2005	Fishbeck Thompson Carr and Huber Incorporated- Groundwater Monitoring Report September 2004 and January 2005	Groundwater monitoring report.
ID852	9/26/2005	Fishbeck Thompson Carr and Huber Incorporated- Groundwater Monitoring Report July 2005	Groundwater monitoring report.
ID850	10/26/2005	Fishbeck Thompson Carr and Huber Incorporated- Quarterly Groundwater Monitoring Report April 2005	Groundwater monitoring report.

For information on monitoring well abandonments, please refer to the following documents:

Table 3. Monitoring Well Abandonments Documented in the EGLE Database.

ID Number	Date	Document Title	Document Description
ID692	7/8/2004	Fishbeck Thompson Carr and Huber Incorporated- Monitor Well Abandonment Records	Indicates that 4 monitoring wells in proximity to 849 Pullman Avenue were abandoned in May 2004.
ID755	1/5/2005	Fishbeck Thompson Carr and Huber Incorporated- Monitor Well Abandonment Record and Soil Boring Log	Indicates that 1 monitoring well (MW-10) was abandoned in January 2005.
ID965	2006	GSS- Request for Services	Abandonment of 2 monitoring wells at the PII site.
ID915	1/5/2006	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Information Regarding Monitoring Wells	Discussion about abandoning monitoring wells at the former PII site.
ID990	5/29/2007	MDEQ- Monitor Well Abandonment Record	Monitor well abandonment record.

4) What Is the Documented Extent of the Toxic Plume in the Community?

The estimated extent of the underground contamination plume is approximately 1,200 ft. long x 300 ft. wide. The most updated map available in EGLE is found in FTCH's 2005 Remedial Investigation Addendum.[62] For a visual comparison of the plume's migration movement over time, please refer to Annexes 10a, 10b, and 10c, which include technical drawings of the plume location from 1997 through 2005.

Key Figures

- **1991:** Year contamination was first confirmed in community wells.
- **87:** unique addresses tested (the universe of addresses tested).[63]
- **53**: unique addresses tested resulting in VOC detections.[64]
- **4:** unique addresses tested resulting in only unharmful VOC traces detected.[65]
- **30:** unique addresses tested resulting in no VOC detections ever.[66]
- **At least 250:** people estimated to have been impacted by the plume (1997 figure).[67]
- **29 to 37:** number of contaminated wells replaced with deeper wells by MDEQ in 1997.

[62] ID889.
[63] Appendix 12c (ID1123).
[64] Appendix 12c (ID1123).
[65] Appendix 12c (ID1123).
[66] Appendix 12c (ID1123).
[67] ID245.

- **1,200 × 300 ft.:** estimated dimensions of the contamination plume (1997 figure).[68]
- **Up to 34×:** PCE level detected in soil at the source site in excess over the residential protection limit.[69]
- **Up to 24×:** TCE level detected in groundwater in excess over the safe drinking water threshold.[70]
- **1999:** Year that PII was determined to be a non-liable party.
- **$1,750,000 (approx.):** Documented state commitments for the Pullman Ave and 109th Ave project.[71]
- **$1,160,000 (approx.):** Documented state expenditure for the Pullman Ave and 109th Ave project.[72]

Conclusion

The PII contamination episode represents a two-decade environmental response effort that was ultimately left incomplete. The record documented in the EGLE/RIDE database, which spans 1,147 records from 1977 to 2011, reveals a pattern of incremental progress that was unfortunately undermined by the slow pace of institutional action, funding constraints, and a questionable liability determination.

Five overarching conclusions emerge from this review:

The Contamination Was Extensive and Confirmed Late

VOC contamination from the Pullman Industries facility impacted at least 57 wells across the Pullman community,[73] reaching concentrations up to 24 times the residential drinking water criteria for TCE and 34 times the criteria for PCE in soil.[74] The plume extended approximately 1,200 feet long by 300 feet wide and reached the waterflow of Scott Creek.[75] Despite the first odor complaints arising in 1991, systematic sampling confirming the scope of contamination did not begin until 1993, and the primary source was not formally identified until the ABB report in 1997,[76] a 6-year gap from first detection to confirmed source attribution. On the other hand, once VOC testing started, it was extensive and systematic across the Pullman community for 18 years (1993-2011).[77]

The Institutional Response Was Chronically Slow

Even though MDEQ officials appear to be generally proactive and responsive, institutional response actions lagged significantly behind the need. The first contamination case emerged in 1991, but broader community testing did not take place until 1993. Bottled water supply began in 1991, but replacement wells were not installed until 1997. The Type III municipal well was not operational until March 2001, even though defective replacement wells were detected in 1997. The $1.3M remediation contract with Harding ESE/MACTEC was awarded in 2000 but the groundwater pump-and-treat system — its central deliverable — was never designed or installed before the contract was abruptly closed in March 2006. A

[68] ID245.
[69] ID871.
[70] ID871.
[71] ID1063.
[72] ID1063.
[73] ID1123.
[74] ID245, ID524.
[75] ID245, ID524.
[76] ID245.
[77] ID1123.

work plan to clean out the contaminated PII plant sewage and piping system, identified as a contamination vector during sample testing in February 2004, was not issued until February 2005 and never implemented. The project was formally classified as "Approved Partial Closure" (on indefinite hold) in 2008 without having yet delivered on its core objective to operate a remediation system. EGLE records do not document any successor awards after that.

The Liability Determination Was Contested and Consequential

MDEQ's November 1999 decision to clear the current Pullman Industries of any liability was internally disputed: at least one MDEQ attorney dissented in writing. The decision effectively foreclosed any legal avenue to compel PII to fund a full remediation response. Despite this, PII voluntarily contributed at least $125,000 and donated property for the Type III well.[78] The EGLE database does not document any subsequent attempt by MDEQ to pursue alternative liable parties or secure private funding for the unimplemented remediation system.

Scott Creek Was Both a Critical Environmental Boundary and a Contamination Receptor

Multiple FTCH reports from 2002 through 2005 identified Scott Creek as both a natural boundary limiting the plume's southward migration and a probable receptor of VOC discharges from contaminated groundwater. VOCs related to the PII leakage were not detected south of the creek throughout the monitoring period, confirming its role as a barrier.[79] However, groundwater VOCs were found to discharge into the creek near Pullman Road, raising unresolved questions about creek water quality and downstream ecological impacts. FTCH's 2005 Remedial Investigation Addendum recommended continued quarterly monitoring and hydrologic assessment of the creek; neither was carried out following the MACTEC contract closure in 2006.[80]

The Contamination Source Was Removed, But the Plume Was Not Remediated

The physical source of contamination was effectively eliminated when Bloomingdale Public Schools demolished the PII plant in October 2007, with Villa Environmental Consultants managing the removal of the plant's drainage, piping, and production wells, as well as contaminated parts of the physical structure. By the time EGLE records closed in 2011, well testing data showed that the vast majority of tested wells were returning non-detections, a positive development attributed in part to natural attenuation.[81] However, the plume was never actively remediated: no pump-and-treat system was installed, no AS/SVE system was permanently deployed after the 2005 pilot, and the contaminated plant piping network was never cleaned out before Bloomingdale Public Schools demolished it. As of 2008, MDEQ still identified downgradient and replacement wells as being "at risk."[82] Whether the plume has since dissipated entirely through natural attenuation, or continues to migrate, is not documented in the available record.

[78] ID371.
[79] ID524, ID723, ID889. Per the FTCH investigation in ID710, VOC contamination detected in 2002 at 849 Pullman Ave. was determined to be unrelated to the PII site.
[80] ID889.
[81] ID889.
[82] ID1063.

Annex 1. Summary of Response and Remediation Plans and Actions Taken

Over the years, the MDEQ took a generally proactive role in responding to the Pullman Industries Inc. (PII) contamination. While it was off to a slow start in 1991, reaction and remediation activities intensified after 1993 and continued unabated (though at a pace slower than desired) until 2006, when the implementation of a remediation system under a contract with the engineering firm MACTEC was abruptly closed out. The reason for the closeout appears to be the lack of available funding. There is no further action documented in EGLE after that, beyond sample testing.

The following are the major actions taken to address and remedy the Pullman Industries contamination crisis:

<u>Bottled Water Supply (1991-1997)</u>

- The MDEQ supplied bottled water to approximately 30 properties contaminated with VOC from 1991 until 1997, when replacement wells were installed at these properties.

<u>Periodic Sample Testing Across the Community (1993-2011)</u>

- The MDEQ conducted annual and/or quarterly well sample testing across the Pullman community from 1993 until at least 2011.
- EGLE contains hundreds of groundwater and soil testing documents, including property notification letters, lab analysis reports, and other related documentation.

<u>Replacement Residential Wells and Type III Well (1997-2000)</u>

- Approximately 30 contaminated wells were replaced in 1997.
- Six of these replacement wells did not produce adequate water quantity for residential consumption. In 2000, these properties were connected to a shared Type III public water supply well. In the interim, they were provided with bottled water.
- The shared Type III well was paid for by PII and installed at a site donated by PII to Lee Township. Ownership of the well was granted to Lee Township.
- The Type III well became a Type II well when the Elementary School hooked up to it in 2002.

<u>PII Remedial Response (1993-2000)</u>

- PII was notified in November 1993 that it was in noncompliance of environmental regulations leading to contamination of multiple water wells. It immediately engaged Gove Associates, which installed 3 monitoring wells at the plant site and reported that testing only produced non-detects.
- In 1997-1998, PII contracted engineering firm Snell Environmental Group to conduct remedial actions at the plant site, including the removal, clean out, and proper disposal of the leaking underground tank/cistern, 4 aboveground water drums, and related sludge and liquids. Snell also installed and operated for 2 weeks a portable Soil Vapor Extraction (SVE) system intended to help clean up soil and groundwater contamination at the plant site. Snell reported reducing soil concentrations by 50%,

thus proving this system could be successful, and installed a concrete-lined catch basin where the underground cistern was located.
- In 1999, as part of discussions with MDEQ over a liability determination, PII funded the installation of a Type III well for community use and donated a small property to place the well.

ABB Sampling Project (1996-1997)

- In 1996, MDEQ contracted engineering firm ABB to conduct soil and groundwater sampling to define the degree and extent of the contamination and investigate the source area (that is, the PII plant site).
- ABB fieldwork took place in March and April 1997. ABB collected samples from 38 locations across the community for VOC analysis, including from a PII drainage ditch discharging into Scott Creek.
- Key results: a shallow aquifer 4-7 feet underground was identified. PCE, TCE and 1-1-1 TCA were found to be present at very high concentrations, and another 12 contaminants were also found to be present in lower concentrations. The plume is found to probably originate from the PII site, where there different PCE and TCE release points may exist. Given the extension of the plume (1,200 feet long and 300 feet wide), ABB did not rule out the existence of other source areas beyond the plant.
- The report, released in July 1997, was taken as definitive proof that Pullman Industries was most probably the contamination source and became the basis for requiring remedial action from PII.

Harding ESE (Later Named MACTEC) and Fishbeck Thompson Carr and Huber (FTCH) Contract (2000-2006)

- In 2000, based on the ABB report, MDEQ contracted engineering firm HLA (later known as Harding ESE) to conduct a remediation project ultimately intended to install and operate a groundwater treatment system that cleans up the contaminated plume for good. Harding ESE subcontracted FTCH to implement the project.
- FTCH produced a Remedial Investigation (RI) Report in July 2002. FTCH installed 6 soil borings at the plant site, 10 groundwater sampling locations across the village to determine the extent of the plume and its flow direction, and installed 20 monitoring wells. Field work was conducted June 2001 through April 2002. The report confirmed that a variety of contaminants (primarily PCE and TCE) remained in the unconfined aquifer and on the soil. It also indicated that the plume had extended downgradient (though not laterally) since the 1997 ABB study and the contaminated center had migrated: groundwater PCE levels at the plant site had decreased, while TCE levels at the edge of the downgradient, close to Scott Creek at Pullman Avenue, had increased. Samples at Scott Creek indicated no contamination, though the creek was the likely receptor of contaminants at some point. As no contamination was detected south of Scott Creek, the creek was deemed a hydraulic boundary to groundwater flow.
- In May 2002, FTCH drafted a feasibility study to explore different remedial options and concluded that installing an Air Sparging with Soil Vapor Extraction (AS/SVE) system at the source area and a

groundwater pump and treatment system across the contaminated area was the best course of action.

- A pilot AS/SVE system at the PII plant operated between July and December 2003, resulting in observed VOC removal rates between 33% and 99% in pilot locations at the plant site.
- Between June and November 2003, FTCH assessed whether the contamination at 849 Pullman Avenue (located south of Scott Creek), was linked to the PII site contamination, which would indicate that the latter was crossing across the creek.
    - FTCH installed monitoring wells and conducted sampling in several locations around the property. The investigation concluded that these were two independent contamination events.
- In the spring of 2004, FTCH conducted a groundwater modeling study intended to guide the design of the groundwater pump and treatment remediation system. It was also intended to analyze the potential impact of a new Fire Dept. well on the remediation system and on the plume's migration pathway. The MDEQ conducted a parallel internal technical study to assess the question of the Fire Dept. well. Both studies concluded that the Fire Dept. well must be placed upgradient to prevent hampering the remedial system and impacting the migration pathway.
- In February 2005, FTCH presented a work plan to conduct a Remedial Investigation Addendum report, which would include quarterly groundwater sampling for 2 years (September 2004-2006), an updated delineation of the downgradient extent of the plume, a hydrologic assessment of Scott Creek, and source area characterization at the PII site. This was intended to confirm whether the unconfined aquifer was impacted on the south side of Scott creek (which would mean that the Creek was not serving as a natural boundary), whether contaminants were discharging into the Creek (as suspected), and to explore contaminated material discovered in March 2004 at the PII site's sumps, pipes, and sewage system. The report was finalized in December 2005 and indicated that the plume may have been losing strength through a natural process of attenuation, given that PCE was more prevalent at the source site while 1.2DCE and TCE were more prevalent toward the western edge of the plume. No VOCs were detected south of Scott Creek. VOCs in groundwater appeared to discharge into Scott Creek near Pullman Road, which confirmed that the creek acted as a hydraulic boundary to groundwater flow. The report recommended continuing quarterly monitoring to confirm whether natural attenuation was happening, removing the plant site's piping network, and modeling plume migration patterns. The report included updated 2005 vertical and horizontal maps of the plume and a map summarizing the status of Pullman's drinking wells as of 2005.
- In September 2004, FTCH discovered varying concentrations of VOCs, heavy metals, and other contaminants in several locations of the PII plant's sewage and piping system. FTCH surveyed and mapped the piping system in preparation for the clean out in late 2005, but the clean out never took place as the MACTEC contract was put on hold and closed out in March 2006.

Bloomingdale Public Schools (And Villa Environmental Consultants as Contractor) (2003-2008)

- In 2003, Bloomingdale P.S. took steps to acquire the PII plant site and convert it into a bus parking lot and a playground. Bloomingdale P.S. requested Villa Environmental Consultants to conduct an initial environmental review. Beyond the known VOC contamination, Villa discovered a new pit with waste metals and found out that some concrete slabs were too contaminated to be safely recycled.
- In November 2003, Villa produced a Due Care Plan, which provided guidance on how to manage the legacy contaminants. The plan included an extensive list of all the contaminants found at the PII site.
- Bloomingdale P.S. took ownership of the site some time in 2004.
- By October 2007, the PII plant had been demolished, and Villa was managing the proper disposition of the structure materials. Villa ripped up the drains/piping system, removed all related sediments, and abandoned the production wells.

Incomplete Actions

- Design and implement a pump and treatment system to remediate the contaminated plume, and operation and maintenance of the remedial system for ten years.
    - FTCH was set to design (and later operate) a groundwater control and treatment system intended to ensure that the plume did not continue flowing downgradient and affect new wells- This is the core element of the remedial effort but it never got off the ground.
    - Both of these tasks were budgeted at approximately $1.3M.
    - There is no documentation on why this never took place. Even after the MACTEC contract suddenly closed out in 2006, MDEQ did not award another contract to finish these tasks.

EGLE References

- Site Summary (3) (ID138) – 7/3/1996
- Site Summary (2) (ID453) – April 2002
- Site Summary (ID639) – July 2003
- Site Summary (4) (ID46) – 2006
- Gove Sampling Reports
    - Fire and Environmental Consulting Laboratories Incorporated- 4-21-1994 Soil Sampling Results - K13827-14 (ID78) – 5/3/1994
    - Fire and Environmental Consulting Laboratories Incorporated- 4-25-1994 Groundwater Sampling Results - K13827-10 (ID79) – 5/3/1994
- ABB Work Plan
    - Poynter MDEQ- Argentati ABB Environmental Services of Michigan Incorporated - Work Plan Outline and Preliminary Budget Estimate (ID181) – 10/4/1996
    - ABB Environmental Services of Michigan Incorporated- Draft Work Plan (ID177) – 10/21/1996
- ABB Report

    - ABB Environmental Services of Michigan Incorporated- Draft Interim Response Site Investigation Report (ID245) – 7/9/1997
- Harding ESE Work Plan
    - Harding Lawson Associates ES of Michigan Incorporated- Draft Work Plan (ID365) – 7/3/2000
- Harding ESE Proposal
    - Harding Lawson Associates ES of Michigan Incorporated- Request for Proposal (ID350) – 11/21/2000
- FTCH Remedial Investigation
    - Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation Sampling Plan (ID408) – 6/11/2001
    - Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation (ID524) – 7/24/2002
    - OBrien Dean and Fulkerson PC- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Remedial System Pilot Construction and Operation (ID565) – 4/9/2003
- FTCH Feasibility Study
    - Fishbeck Thompson Carr and Huber Incorporated- Feasibility Study (ID637) – 7/8/2003
- Groundwater Modeling Study
    - Hefferan MDEQ- Mandle MDEQ - Draft Review of Remedial Action (ID723) – 4/3/2004
- 849 Pullman Ave Contamination Investigation
    - Fishbeck Thompson Carr and Huber Incorporated- Drinking Water Well Contaminant Investigation (ID710) – 5/20/2004
- FTCH Remedial Investigation Addendum
    - Fishbeck Thompson Carr and Huber Incorporated- Work Plan and Cost Estimate for Additional Site Characterization (ID746) – 2/4/2005
    - Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation Addendum (ID889) – 12/30/2005
- FTCH AS/SVE Pilot
    - Fishbeck Thompson Carr and Huber Incorporated- Soil Vapor Extraction Pilot Operation Summary (ID842) – 12/30/2005

Annex 2. Summary of the Pullman Industries Inc. Liability Discussion

On September 15, 1997, MDEQ sent a letter to Pullman Industries Inc. (PII) informing them that three drums and an underground tank/cistern at their property were responsible for the contamination in the village of Pullman (ID253).

PII responded on September 29, 1997, through Dean & Fulkerson (D&F), their law firm. PII confirmed its willingness to dispose of the contaminated materials, stated that collaboration on this matter was not an acknowledgement of responsibility, and indicated that the underground tank was not its responsibility because it was placed beneath the factory site in the 1930s by a previous company, Pearl Creamery (which was owned, incidentally, by one of PII's founding owners) (ID250).

In a letter to MDEQ dated January 9, 1998, D&F explained that the original Pullman Industries (which incorporated in 1951 and took the plant site from Pearl Creamery) transferred the plant site to C&M corporation in 1985 and continued to exist as a separate and unrelated entity. Also in 1985, C&M corporation changed its name to become Pullman Industries (i.e., the "current" Pullman Industries) (ID314).

There is no additional communication recorded in EGLE until over a year later. In a letter dated February 25, 1999, D&F confirmed participation in a March 26, 1999 meeting with MDEQ and other State officials to discuss PII's installation of a limited water supply system in Pullman, and insisted that the State consider taking a formal position on the question of liability. As written, the letter could be perceived as an implicit quid pro quo request (ID304).

In parallel, in an internal MDEQ discussion in late March 1999, the MDEQ project manager for the Pullman contamination effort informed that the Attorney General's Office would join MDEQ in the meeting with PII and D&F, and that an internal consultation on the liability question would be done prior to that meeting. MDEQ's understanding was that PII wanted to come to some form of agreement with the State, beyond removing the cistern, such as contributing funds or donating property for well construction (ID299).

A few days later, D&F sent a letter to MDEQ thanking them for the March 26, 1999 meeting. The letter states the following: "I understand that your office is recommending a determination that the current Pullman Industries is not legally liable for the groundwater contamination underlying the site and that, after consultation with the Attorney General's office, a formal liability determination, and notification of due care responsibilities, will be issued within the next month or so" (ID298). MDEQ's handwritten notes from this meeting are available in ID297 but nothing conclusive is included there.

One month later, an MDEQ lawyer wrote an internal email indicating that, "Based on the facts provided and the lack of information about activities at the (new) Pullman facility, I disagree with the team's recommendation to send the new Pullman a [non-liable notification] letter. (…) The new Pullman used VOC degreasers–the contaminants in groundwater and soil at the facility (…) we don't have information

about releases from the new Pullman. (…) Was a study done prior to 1985 and another done after 1985. What was the "other" investigation regarding releases? I suggest that instead of providing [a non-liable notification letter], we instead send them a letter that says that we don't know if they are a [responsible party] (…) but that our determination is subject to reconsideration if new info is learned. (…) I suggest that we should be conservative and not release a party when we know that they used the solvent even if we don't have evidence of a release" (ID384). Notwithstanding the lawyer´s dissent e-mail, MDEQ moved forward with internal deliberations on a non-liable determination letter draft (ID385).

Almost six months later, on November 24, 1999, MDEQ finally sent a formal notification letter informing PII that it was not considered a responsible or liable party for the contamination plume underneath the factory site. The letter stated that "MDEQ hydrogeological investigations have identified a large VOC contamination plume indicative of very historical releases and have found no evidence of recent releases on the property. (…) It is MDEQ's position that the current Pullman Industries, Inc., is not a person responsible for an activity causing the release of VOCs at the facility and, thus, is not a liable party pursuant to Section 20126 of NREPA. This correspondence serves to withdraw the MDEQ's previous November 12, 1993 request that the current Pullman Industries, Inc,. voluntarily undertake response activities at the facility" (ID369).

The letter also pointed towards "old Pullman" as a probable responsible party given that "local residents reported to MDEQ staff that employees of the original Pullman Industries had routinely taken VOC degreasers home for their personal use. Local residents living in close proximity of the facility also reported that their residential wells were replaced by the company thirty or so years ago after complaints of drinking water problems. Hydrogeological investigations conducted by MDEQ during the 1990s have identified VOC contamination as the only water quality problem in the area and have confirmed that the former residential well locations are immediately downgradient of the property" (ID369).

A few days later, D&F sent a letter to MDEQ thanking them for the non-liable determination and reconfirming PII's commitment to continue contributing to establishing sources of clean water in Lee Township (ID370).

<u>EGLE References</u>

- Place Pullman Industries Incorporated- Poynter MDEQ - Analytical Results and Removal of Purge Water Drums (ID253) – 9/15/1997
- Poynter MDEQ- OBrien Dean and Fulkerson PC - Response to Letter Regarding Removal of Purge Water Drums (ID250) – 9/29/1997
- Poynter MDEQ- OBrien Dean and Fulkerson PC - Site Historical Documents (ID314) – 1/9/1998

- Poynter MDEQ- OBrien Dean and Fulkerson PC - Confirmation of Planned Meeting (ID304) – 2/25/1999
- Wilson MDEQ- Poynter MDEQ - Additional Site Details (ID299) – 3/22/1999
- Meeting Notes (2) (ID297) – 3/26/1999
- Poynter MDEQ- OBrien Dean and Fulkerson PC - Acknowledgement of March 26 1999 Meeting Discussion (ID298) – 3/29/1999
- Cobe MDEQ- Elmleaf MDEQ - Liability Consult for Pullman Road (ID384) – 4/26/1999
- Elmleaf MDEQ- Ballo MDEQ - Confirmation of Discussion Regarding Multiple Sites (ID385) – 4/30/1999
- OBrien Dean and Fulkerson PC- ODonnell MDEQ - Confirmation of Previous Conversations (ID369) – 11/24/1999
- ODonnell MDEQ- OBrien Dean and Fulkerson PC - Acknowledgement of Liability Determination (ID370) – 11/29/1999

PLOT INFO: N:\01233A\CD\SITE2.DWG DATE: 7/27/2001 TIME: 12:05:33 PM USER: ACS

FAA land donation area 58th 603 40 acres 7 sections

Scale: 1" = 100' 0 100 200

NORTH

PULLMAN STREET

RAILROAD TRACKS

56TH STREET

109TH STREET

PEARL STREET

NORTH STREET

SECOND STREET

FIRST STREET

SOUTH AVENUE

ASPHALT PARKING LOT

SOFTBALL FIELD

SCOTT CREEK

DRAINAGE DITCH

APPROXIMATE EXTENT OF GROUNDWATER CONTAMINATION

AREA OF CONTAMINANT RELEASE

FORMER STORE

TOTAL GAS STATION 5625

PUMP ISLAND

USTs

LARAWAY MOWERS 5620

HARDWARE STORE 5614

TAVERN REPAIR SHOP 5604

KEN'S DISCOUNT CLOTHING

HAIR SALON

VIDEO SHOP

PIZZA RES. 5601

STORE 5615

POST OFFICE 5597

CTE 5598

PULLMAN INDUSTRIES PLANT 1

PULLMAN INDUSTRIES PLANT 2

FORMER GAS STATION

CHURCH

TRAILER

BARN

SHED

SEPTIC FIELD

SEPTIC TANK

POLE BARN

CABIN

OFFICE BUILDING

877 LEE TOWNSHIP HALL

PULLMAN ELEMENTARY SCHOOL

TANNING SALON

GENERAL PARKING LOT

POWER STATION

ASTs

GRASS

ASPHALT

5994

5589

5587

5586

5584

5581

5580

5574

5567

5571

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910

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882

884

874

872

868

862

852

890

886

885

G

Tetrachloroethylene 1111 ug/L 8/18/00

Trichloroethylene 4.7 ug/L 8/18/00

Trichloroethylene 1.7 ug/L 6/01 (29–31')

1,1,1–Trichloroethylene 15 ug/L
Trichloroethylene 19 ug/L
Tetrachloroethylene 140 ug/L 6/01 (30–35')

1,1,1–Trichloroethylene 20 ug/L
Trichloroethylene 31 ug/L
Tetrachloroethylene 460 ug/L 6/01 (20–24')

1,1,1–Trichloroethylene 28 ug/L
Trichloroethylene 130 ug/L
Tetrachloroethylene 68 ug/L 6/01 (25–29')

cis 1,2–Dichloroethylene 13 ug/L
Trichloroethylene 5.8 ug/L 6/01 (19–23')

Tetrachloroethylene 1.8 ug/L 6/01 (16–20')

Trichloroethylene 4.2 ug/L 6/01 (17–21')

Trichloroethylene 4.7 ug/L 6/01 (25–29')

6/01 ND

GP-01 through GP-37

MW-1 through MW-5

SB-01-01 through SB-01-06

849 Pullman Rd Mud Pond well

LEGEND

[30–35] – PROPOSED MONITORING WELL AND SCREENED INTERVAL

– 1996 GEOPROBE LOCATION

– 2001 GEOPROBE LOCATION AND ANALYTICAL SUMMARY

RECEIVED JUL 30 2001 ERD - KALAMAZOO

PROJECT NO.	SHEET NO.
G01233A	1

HARDING LAWSON ASSOCIATES

PULLMAN, MICHIGAN

PROPOSED MONITORING WELL LOCATIONS

FTC&H

Fishbeck, Thompson, Carr & Huber

Engineers ● Scientists ● Architects

Kalamazoo, Michigan (616) 349-3717

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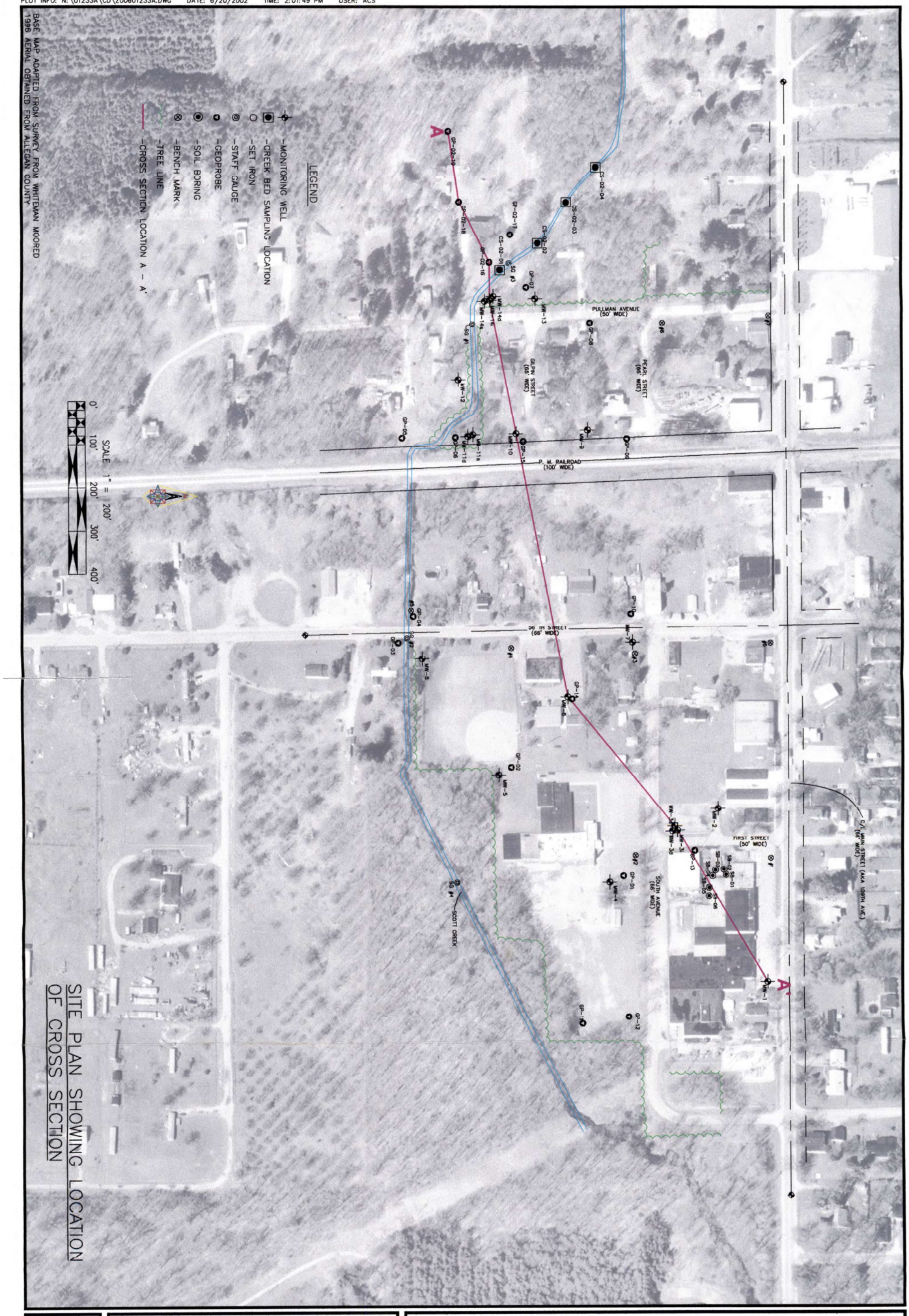
Drawn By	ACS
Designer	CDA
Manager	SMK

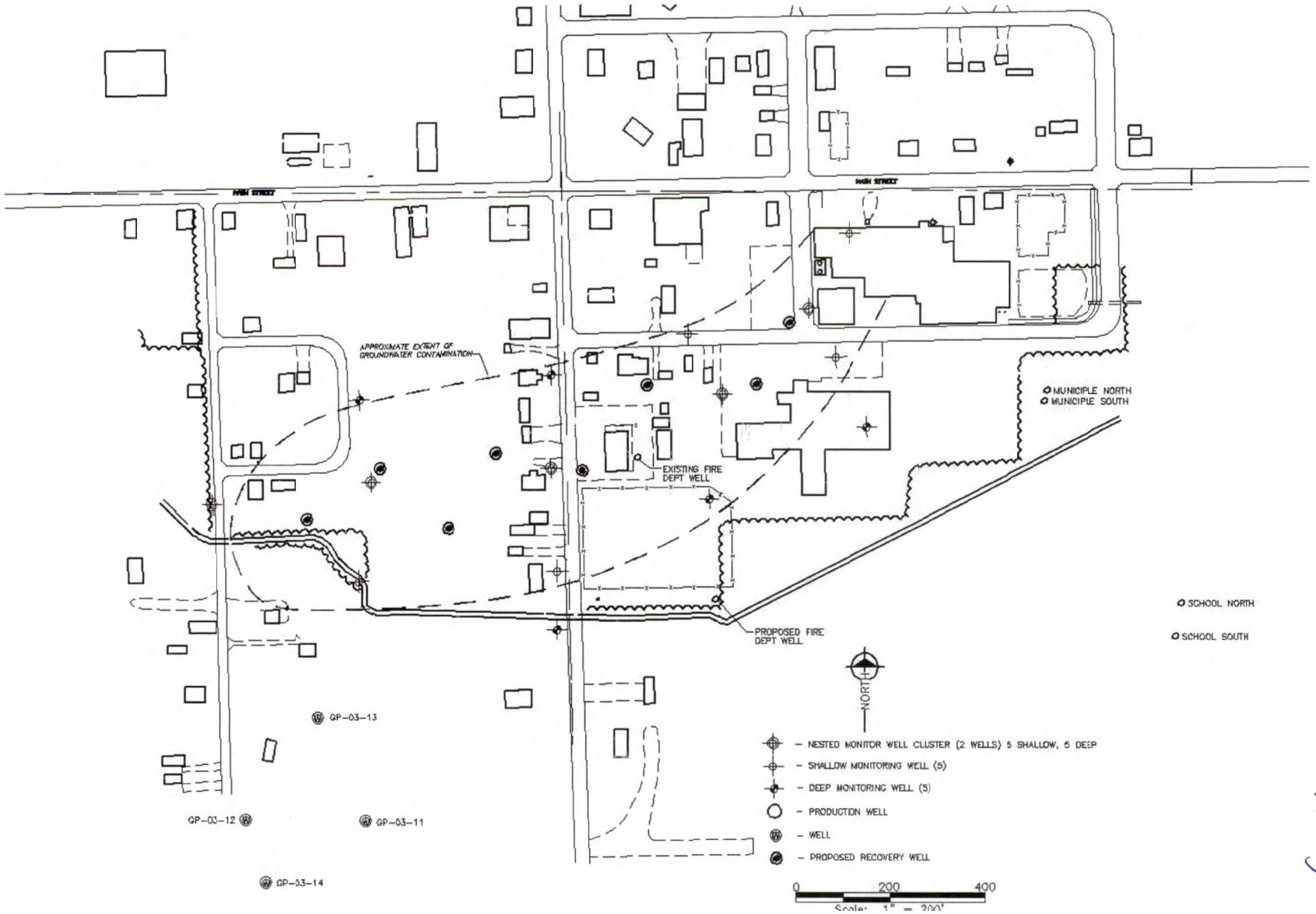
PLOT INFO: N:\01233A\CD\Z00601233A.DWG DATE: 6/20/2002 TIME: 2:01:49 PM USER: ACS



SITE PLAN SHOWING LOCATION OF CROSS SECTION

3	**Harding/Pullman Rd., 109th Ave.** Pullman, Michigan Remedial Investigation	**Fishbeck, Thompson, Carr & Huber** Engineers • Scientists • Architects Kalamazoo, Michigan

PROJECT NO. G01233A
FIGURE NO.


MAIN STREET
MAIN STREET
APPROXIMATE EXTENT OF GROUNDWATER CONTAMINATION
MUNICIPLE NORTH
MUNICIPLE SOUTH
EXISTING FIRE DEPT WELL
PROPOSED FIRE DEPT WELL
SCHOOL NORTH
SCHOOL SOUTH
NORTH
GP-03-13
GP-03-12
GP-03-11
GP-03-14
- NESTED MONITOR WELL CLUSTER (2 WELLS) 5 SHALLOW, 5 DEEP
- SHALLOW MONITORING WELL (5)
- DEEP MONITORING WELL (5)
- PRODUCTION WELL
- WELL
- PROPOSED RECOVERY WELL
0
200
400
Scale: 1" = 200'

OT INFO: L:\CADD\01233A\CD\Z01801233A_.DWG DATE: 12/28/2005 TIME: 11:32:30 AM USER: JM3

CROSS SECTION LOCATION MAP

Scale: 1" = 150'

NORTH

PULLMAN ROAD (50' WIDE)

GILPIN STREET (66' WIDE)

PEARL STREET (66' VIDEI

P. M. RAILROAD (100' WIDE)

56TH STREET (66' WIDE)

SOUTH AVENUE (66' VIDEI

FIRST STREET (50' WIDE)

C/L MAIN STREET (AKA 109TH AVE.) (66' WIDE)

FORMER PULLMAN INDUSTRIES PLANT NO. 2

DESTROYED

SCOTT CREEK

WOODS

LEGEND

- MONITORING WELL
- STAFF GAUGE
- GEOPROBE BORING
- DEEP SOIL BORING

Pullman Road & 109th Avenue Site
Pullman, Michigan

Remedial Investigation
Addendum

PROJECT NO. G01233F
FIGURE NO. 3

frtch

Fishbeck, Thompson, Car
Engineers • Scientists • A
Grand Rapids, Michigan (61

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MOST RELEVANT DOCUMENTS								
Document number	**Document Identifier**	**Document Name**	**Date**	**Institution**	**Type of document**	**Summary of contents**	**Relevance**	**Location**
22	ID11	MDPH- 3-1-1991 and 3-19-1991 Water Sampling Results	5/9/1991	Michigan DPH	Lab results report	Includes a detailed lab report of a contaminated sample from this well. Confirms detection of two contaminants (methylene chloride and dichlorodifluoromethane). Approves bottled water provision. Indicates that there was a "video shop" at this location.	Confirms two contaminants at this address, which is the location of a "video shop".	860 56th St
25	ID12	PEAS Complaint-Response Form	11/15/1991	MI Dept of Environmental Quality - Environmental Response Division	Incident report	Pullman Industries informs of potential involuntary contamination incident with lead paint. Determination: "No adverse environmental problems" detected.	PII's first report that there may have been contamination "with lead" at the site.	N/A
26	ID69	(Redacted) Water Samples Collected in Lee Township	March 1993 through April 1994	Undefined	Lab results report	Water testing lab results for 50+ addresses.	These results confirm contamination in 27 sites in the Pullman vicinity.	All of Pullman community
55	ID77	Gove Associates Incorporated- Site Map	5/25/1994	Gove Associates	Map	Map of the contaminated area including sites of former gas stations and other documented sources of contamination. See ID73 (Site History).	Useful map of documented sources of contamination.	Pullman vicinity
58	ID73	(Redacted) Buchalco Pullman Industries Incorporated- Freed Gove Associates Incorporated - Phase I Site History and Records Review	5/31/1994	Gove Associates	Pullman Site History Report	Site History and State and Fedeal Records Review related to PII's potential contamination probe.	Provides useful background on the origin of the PII oil spill. Provides a list of all registered oil tanks and gas stations in the community.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
59	ID71	Bale Lee Township- Crigier MDPH - Update on Site Groundwater Investigation	6/10/1994	Michigan DPH	Letter	Letter from MDPH to Lee Township Supervisor providing an update on the contamination. Twenty contaminated wells have been detected, owners have been notified. MDPH establishes a Health Advisory Area in the affected vicinity. MDPH cannot guarantee monitoring so recommends limiting construction of new wells. Will explore the presence of deeper aquifers. Includes **diagram map of affected area, with breakdown of contamination types.**	Update to Lee Township on set up of Health Advisory Area. Possible exploration of deeper aquifer.	Over 20 wells in the Pullman vicinity.
76	ID47	(Redacted) Howard MDNR-Anthony MDPH - MERA Request for Authorization	4/28/1995	Michigan DPH	Michigan Environmental Response Act (MERA) Authorization request memo	The background section confirms known contamination in the Pullman Industries' vicinity (20 wells confirmed, 20 other unconfirmed) with methylene chloride, trichloroethylene, tetrachloroethylene, and 1,1,1-trichloroethane. Also confirms an ongoing investigation "around an Act 307 site", because of which bottled water has been provided for some time and continues to be necessary as the investigation continues. Indicates that the township needs to conduct a feasibilty study to assess the type of alternate water supplies needed, and recommends funding be provided for it through FY95 Quality of Life bond funds. Includes area maps, including a map of Pullman village displaying which land plots/buildings have been contaminated and which are negative. It also includes detailed Volatile Organic Sampling lab test results for over 70 Street Addresses on 109th Ave and 56th St.	Confirms contamination for 20 wells near Pullman Industries and provides detailed lab results for over 70 street addresses in Pullman.	20 known contaminated wells and potentially another 20 in the vicinitiy of 5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
86	ID138	Site Summary (3)	7/3/1996	MI Dept Natural Resources (DNR)	Situation Summary report	Background on contamination incident, summary of actions taken to date (bottled water, alternative water supply feasibility study, PII's "very limited" investigation [probably refers to the Grove Associates' report] , and $1M commitment in Bond Funds),	Useful background and summary piece	N/A

147	ID174	(Redacted) Massoth MDEQ- Norton MDEQ - Request for Bond Funds	10/11/1996	MI Dept of Environmental Quality	Internal memo	Request for $200,000 in bond funds to be approved for "Pullman and 109th Ave" project, which includes installing 29 new four-inch wells into the protected aquifer, abandoning the old contaminated wells, and monitoring the water quality of the other 49 threatened wells. This comes after 1) bottle supply has been provided for some time, and 2) a water supply alternatives study has been conducted. Includes RFA checklists, map of affected properties, and lab testing results.	Document that approves the installation of 29 deeper wells connecting to the protected aquifer.	All of Pullman community
169	ID175	MDEQ- State-Funded Site Action Plan (2)	11/4/1996	MI Dept of Environmental Quality	Internal memo	Project memo including budget estimates for different line items related to remedial action to be completed in the Pullman community between 1996 and 1998.	Unclear how much of this was actually done or just planned.	All of Pullman community
243	ID267	Volatile Analysis Sample Report - 97-03-101	March-April 1997	MI Dept of Environmental Quality	Lab analysis report	MDEQ's Mobile Lab VOC analysis report from water and soil samples taken during ABBs investigation in March and April 1997. Includes only residential/commercial locations in the Pullman vicinity (PII site not included). Linked to ID259.	Lab results informing ABB's July 1997 report.	All of Pullman community
249	ID280	unknown(9)	April 1997	MI Dept of Environmental Quality	Map	Map and list of 35 sites across Pullman where wells will be replaced.	Shows which wells were replaced in 1997 (35 of them)	All of Pullman community
260	ID259	3-24-1997 Mobile Lab Sampling Results - 97-03-101	5/7/1997	MI Dept of Environmental Quality	Lab analysis report	MDEQ's Mobile Lab VOC analysis report from water and soil samples taken during ABBs investigation in March and April 1997. Includes samples from PII site ditches, cisterns and tank.	Lab results informing ABB's July 1997 report.	All of Pullman community
265	ID245	ABB Environmental Services of Michigan Incorporated- Draft Interim Response Site Investigation Report	7/9/1997	ABB	Report	Report of ABB´s soil and groundwork sampling investigation, conducted in March and April 1997. ABB collected samples from soil borings in 38 locations. Collection includes 38 soil samples and 290 ground water samples for VOC lab analysis. Samples also collected from a drainage ditch at Pullman Industries discharging into Scott Creek. In parallel, MDEQ also collected samples from two cisterns and a drain at the Pullman Industries site. Key results: a shallow aquifer is present 4-7 feet underground. The primary contaminants identified in soil and groundwater are PCE, TCE and 1-1-1 TCA, which are common solvent and industrial degreasers. Another 12 contaminants were also identified in less concentration. The elevated concentrations found indicate that different Pullman Industries sites across the plant may be a release source for PCE and TCE into the soil and the groundwater, and the plume may originate from Pullman Industries. Given the extension of the Plume far beyond the plant (1200 feet long and 300 feet wide), it is possible that other source areas exist. Includes several detailed diagrammed maps of the contamination locations the boring sites etc, as well as all the lab results.	Definitive report indicating that Pullman Industries is most probably the source (though there may be others too) of the largest concentration of PCE, TCE, and 1-1-1-TCA. Basis for requiring remedial action from PII. Contains very useful visuals.	All of Pullman community
301	ID314	Poynter MDEQ- OBrien Dean and Fulkerson PC - Site Historical Documents	1/9/1998	Dean & Fulkerson (Legal Advisors to PII)	Letter	Provides background documentation to MDEQ about the separation between "old" and "new" Pullman Industries, to argue that "new" PII is not liable for previous contamination done by "old" PII.	First mention of potential liability for PII over the contaminated plume.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
303	ID320	(Redacted) Volatile Organic Sampling Results	1/29/1998	MI Dept of Environmental Quality	Lab analysis report	VOC sampling results from tests conducted in the Pullman vicinity between 1991 and 1997. VOCs are still being detected at several test sites by Oct 1997.	VOCs are still being detected at several test sites by Oct 1997.	All of Pullman community
318	ID296	(Redacted) Troutman Lee Township- Lahti MDEQ - Agreement for Provision of a Type III Public Water System	7/16/1998	MI Dept of Environmental Quality	Contract agreement	Contract agreement between MDEQ and Lee Township to construct a Type III public water well system owned by the Township to serve 6 residences and 1 business along Pullman, Gilpin, and 109th Avenues. Total cost $100,000.	MDEQ $100,000 grant to construct a Type III water system serving 7 sites in Pullman.	All of Pullman community

327	ID299	Wilson MDEQ- Poynter MDEQ - Additional Site Details	3/22/1999	MI Dept of Environmental Quality	Email	MDEQ mentions that a liability consultation has been made to determine PII´s liability on the plume, and that PII is interested in coming to an agreement to contribute significantly to remediate the situation (beyond removing soil and the cistern) to avoid legal liability. Indicates that the ABB study in April 1997 defined well the scope of the plume, which stemmed directly from PII. Explains that some of the new wells installed since 1997 do not function properly.	Very useful background piece. Legal liability discussion, plume well defined, some wells not functioning properly.	All of Pullman community
332	ID384	Cobe MDEQ- Elmleaf MDEQ - Liability Consult for Pullman Road	4/26/1999	MI Dept of Environmental Quality	Email	Email from an MDEQ lawyer expressing disagreement with the MDEQ team's decision to recommend a determination that PII is not responsible or liable for the plume (See ID369). Lawyer recommends indicating that MDEQ has not enough information to make a recommendation one way or another.	Dissent by MDEQ lawyer on finding PII not legally liable for plume. Evidently there were different views on this decision.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
333	ID382	McDonald HSE Democratic Policy Staff- Poynter MDEQ - Site Maps	4/28/1999	MI Dept of Environmental Quality	Map	Area map of the plume	Area map of the plume	All of Pullman community
346	ID369	OBrien Dean and Fulkerson PC- ODonnell MDEQ - Confirmation of Previous Conversations	11/24/1999	MI Dept of Environmental Quality	Letter	Official MDEQ letter informing PII (and Dean & Fulkerson) that PII is not responsible and not liable for the plume underneath its factory site. The responsible party is "old Pullman Co", which ceased to exist in 1985 and is not legally linked to "new Pullman", which also incorporated in 1985 (as C&M Corporation).	Liability determination - Official notification to PII that it is not legally liable for the plume. The evidence is somewhat blurry, and in fact, ID384 includes an email from a MDEQ lawyer disagreeing with this determination.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
348	ID371	Poynter MDEQ- Moore Allegan County Sheriff Office - Agreement to Donate Property	3/28/2000	Pullman Industries Inc.	Agreement	Agreement for PII to donate $125,000 and a small plot of property to the Lee Township, to place the Type III well and related structures.	PII donation of $125k to Lee Township to set up Type III well.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
355	ID363	Project Expenditure Request	8/8/2000	MI Dept of Environmental Quality	Internal memo	Project Expenditure Request for $500,000, which add to $1,000,000 already authorized in 1996, for a total of $1.5 million. This total amount is meant to cover remedial actions with $1 million (monitoring wells, groundwater treatment system to remediate plume and prevent its expansion into +20 new wells), and operation and maintenance of the system for an estimate of 10 years, with $500k. Only $75k spent to date (from $200k authorization in 1997) from the $1 million authorized in FY1996 from the Bond Fund (per email in ID368), so about $1.4M to be dedicated to installation, operation, and maintenance of the groundwater treatment system.	VERY IMPORTANT ITEM. Provides excellent background summary of what has been done to date and plans of what to be done in the future.	All of Pullman community
356	ID361	Email - Crigier MDEQ- Poynter MDEQ - Approval of Additional Funds Request	8/21/2000	MI Dept of Environmental Quality	Email	Internal back-and-forth emails providing rich background on logic to invest $500k from Bond Funds to the Harding ESE project. Essentially, this is to measure the current extent of the plume and do the technical work to prevent its expansion into +20 other wells.	Important email explaining how the Harding ESE project is meant to stop the plume from affecting a new set of +20 wells.	All of Pullman community
361	ID350	Harding Lawson Associates ES of Michigan Incorporated- Request for Proposal	11/21/2000	Harding ESE	RFP	Call for proposals to implement the Harding ESE project in Pullman. The scope includes: conduct field investigation in Pullman, install monitoring wells/geoprobe borings to determine current extent of the plume and flow direction, and design and help install/maintain a groundwater control and treatment system. The overall purpose of the sustem is to ensure that the plume does not continue flowing downgradient and affecting new wells. See ID359, where funding for this project is authorized at $500,000.	The Harding ESE/FTC&H project intends to confirm current extent of the plume and install a groundwater control and treatment system to prevent further extension of the plume.	N/A
375	ID398	unknown (6)	3/8/2001	MI Dept of Environmental Quality	Internal memo	Internal management status report of Pullman and 109th project.	Confirms that Type III water well system was installed in the Spring of 2000, serves 6 residences, and was paid by PII for $120k. Provides useful background info.	All of Pullman community
379	ID345	(Redacted) Residential Sampling Concentration Results	4/16/2001	MI Dept of Environmental Quality	Lab results report	List of lab results from sampling tests in the Pullman community between 1991 and February 2001. As of this latter date, there are still sites testing positive for VOCs.	As of Feb 2001, there are still sampling sites testing positive for VOCs.	All of Pullman community

428	ID480	Harding Lawson Associates- Proposed Monitoring Well Locations	7/30/2001	Harding ESE	Map	Diagram map of monitoring well locations for the Harding/FTHC investigation, and the plume.	Useful map delineating the plume and monitoring well sites.	All of Pullman community
432	ID471	8-7-2001 - 8-9-2001 Water Sampling Results - 0108119	8/7/2001	MI Dept of Environmental Quality	Lab results report	Lab results from monitoring wells in the Pullman vicinity. The analysis detected several contaminant VOCs in several monitoring wells.	Contaminant VOCs still detected in monitoring wells as of August 2001.	All of Pullman community
434	ID479	Clark MDEQ- Rubitchun MDEQ - Monitoring Sites Information	8/14/2001	MI Dept of Environmental Quality	Email	Emails back-and-forth with FTCH about their discovery of an illegal dumpsite with contaminants and leaking tanks near a well. Request that it be inspected urgently. Also, rumor that some residents have gone back to using old, contaminated wells that may have not been abandoned properly by MDEQ conrtactors in the past. MDEQ fresponds with seveal follow-up actions that it will take on this.	Important - discovery of potential new contamination source at an illegal dumpsite.	Between 56th and 58th, and 106th and 107th.
437	ID481	McCrae MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Revised NPDES Permit Application Sections	8/29/2001	FTC&H	Map	Map showing the location where the groundwater pump and treatment system will be located.	Map showing location for groundwater pump and treatment system.	All of Pullman community
455	ID460	Williams Harding ESE of Michigan Incorporated- Kimm Fishbeck Thompson Carr and Huber Incorporated - Response to Comments on Draft Remedial Investigation Report	1/21/2002	FTC&H	Letter	FTCH response to MDEQ and MACTEC feedback on the draft Feasibility Study report.	FTCH indicates that the Remedial Investigation report does not conclusively provide the extent of the plume. Also indicates that it believes Scott Creek is the ultimate downgradient receptor of contaminants from the plume, though it´s unclear where exactly the plume vents into it.	All of Pullman community
468	ID453	Site Summary (2)	April 2002	MI Dept of Environmental Quality	Internal memo	Internal MDEQ site summary report.	Plume has been largely delineated by now. Monitoring wells installed in 2001 by FTC&H. Plan to complete the feasibility analysis and install the groundwater pump and treatment system between 2002 and 2003. Plan to request an additional $1M for unspecified purposes.	All of Pullman community
493	ID524	Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation	7/24/2002	FTC&H	Report	FTCH´s remedial investigation (RI) results. RI plan approved June 2001 and an additional sampling plan approved in February 2002. RI field work conducted between June 2001 and April 2002. RI report completed in July 2002. RI collected samples from monitoring wells, soil borings and geoprobe groundwater samples. Sought to determine the extent of the plume. RI confirms that several types of contaminants remain both in groundwater in the unconfined aquifer and in soil samples. PCE, TCE, and others. The plume has extended since ABB's study in 1997 and its contaminated center has migrated downgradient. No lateral expansion. Groundwater PCE around the PII plant is decreasing, but groundwater TCE levels at the edge of the downgradient are increasing. Samples at Scott Creek indicate no contamination, though it may occur further downstream already and is the likely receptor of contaminants later on.	Very important status report of contamination at the plume site as of April 2002. Very useful backgroun info. Very good visuals.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
502	ID523	Hefferan MDEQ- Williams Harding ESE of Michigan Incorporated - Summary of Current Soil Boring Data	10/31/2002	FTC&H	Map	Diagram map of the PII plant, indicating which monitoring wells and soil boring holes have detected contaminants as of November 2002.	Visual map of contaminants at the PII plant as of Nov 2002.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
511	ID507	11-26-2002 Soil Sampling Results - 0211151	11/27/2002	MI Dept of Environmental Quality	Lab results report	Trichloroethylene and tetrachloroethan still present in several of the soil samples in this analysis done for FTCH.	Soil contaminants still present in December 2002.	All of Pullman community

513	ID509	Williams Harding ESE of Michigan Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Soil Sampling Summary	12/16/2002	FTC&H	Map	Diagram map of the PII plant, indicating which monitoring wells and soil boring holes have detected contaminants as of November 2002.	Visual map of contaminants at the PII plant as of Nov 2002.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
514	ID504	(Redacted) Resident- Williams Allegan County Health Department - 849 Pullman Road Water Well Sampling Results	12/17/2002	Allegan Co. Health Dept.	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Groundwater samples from 10/21/2002 were analyzed by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to avoid using their well water for drinking or cooking. Residents are provided bottled water.	Contamination present in 2002 in this address, which is south of Scott Creek.	849 Pullman Rd.
518	ID495	(Redacted) MDEQ Contamination Investigation Unit- Pullman Road Contamination Sampling Results	Late 2002 (specific date undefined)	MI Dept of Environmental Quality	Lab results report	List of VOC tests conducted in the Pullman community between 2000 and August 2002, per address, in 52 testing locations. In many cases there's 3+ rounds of testing.	Demonstrates that VOC testing was done extensively (at least between 2000 and 2002).	All of Pullman community
526	ID499	Fishbeck Thompson Carr and Huber Incorporated- Sampling Plan Amendment	2/6/2003	FTC&H	Letter	FTCH proposal to MDEQ to conduct a new round of monitoring wells in a new area south of Scott Creek, to confirm whether contamination at 849 Pullman Rd is related to the plume or not.	New detection of TCE contaminant at 849 Pullman Rd leads to discuss new round of monitoring wells south of Scott Creek.	849 Pullman Rd and south of Scott Creek.
560	ID566	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - School Plans with Site Property	4/18/2003	MI Dept of Environmental Quality	Email	MDEQ asks FTCH if the school is planning to take over the PII plant site. FTCH responds that they are, but are waiting to conduct a full BEA and a Due Care Plan first. They´ll use the site as bus parking and build a playground.	Pullman school taking over the PII plant site, converting to playground, conducting BEA and Due Care Plan first.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
565	ID557	MacDonald Fishbeck Thompson Carr and Huber Incorporated- Williams MACTEC Engineering and Consulting Incorporated - Comments on Revised Draft Feasibility Study	5/6/2003	MACTEC (formerly Harding ESE)	Email	Feedback from MACTEC and MDEQ on revised draft feasibility study.	Notes that the elementary school hooked up to the Type III water well system in 2002, which then turned into a Type II well system.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
577	ID639	Site Summary	July 2003	MI Dept of Environmental Quality	Report	Site summary for Pullman Ave and 109th Ave Project. Update on implementation and funding status.	Good background info report with actions taken to date.	All of Pullman community
578	ID618	6-26-2003 and 6-27-2003 Water Sampling Results - 30700006	7/1/2003	MI Dept of Environmental Quality	Lab results report	Lab results from 19 geoprobe tests, monitoring wells in the Pullman vicinity. The analysis detected up to 7 different VOCs in different samples across the community.	Contaminant VOCs still detected in water wells as of July 2003.	All of Pullman community
579	ID640	Hefferan MDEQ- Williams MACTEC Engineering and Consulting of Michigan Incorporated - Transmittal of Map	7/1/2003	FTC&H	Map	Map of the PII site, including locations of soil borings, monitoring wells, SVEs, AS, and other clean up elements as of July 2003	Useful map of all FTCH clean up elements at PII site.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
580	ID550	Villa Environmental Consultants Incorporated- Phase II Investigation Report	7/8/2003	Villa Environmental Consultants	Report	This is an environmental review report contracted apparently by Bloomingdale Public Schools as it seems to be assessing the option of purchasing the PII site. The report documents the presence of at least two new contaminated locations (beyond what's already been documented by MDEQ), one of which with high levels of arsenic. The contractors recommend conducting a Baseline Environmental Assessment (BEA) prior to purchasing the site.	New report (not linked to MDEQ) detecting contaminants in new sites, including high levels of arsenic, as of July 2003.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

581	ID637	Fishbeck Thompson Carr and Huber Incorporated-Feasibility Study	7/8/2003	FTC&H	Report	Feasibility Study for Pullman and 109th remedial plans.	Explores different remedial options and finally recommends an AS/SVE system for the source area at the PII site and a groundwater pumpt and treatment system to deal with the contaminated plume.	All of Pullman community	Bud get
583	ID641	Mandle MDEQ- Hefferan MDEQ - Request for Model Review for New Fire Department Well	7/18/2003	MI Dept of Environmental Quality	Email	Internal MDEQ exchange about the possibility of installing a fire dept water-supply well approx 200 ft from the plume´s southern edge, downgradient. Pros and cons need to be assessed and modeling must be done. See ID593 and 594 from Nov2003.	Conversation about installing a water-supply well for the fire dept close to the plume´s southern edge. See ID593 and 594 from Nov2003.	All of Pullman community	
588	ID632	Hefferan MDEQ- Unseld MDEQ - Concrete Contamination and Demolition Plans	8/4/2003	MI Dept of Environmental Quality	Email	Exchange between MDEQ and Villa about steps to take to push forward the PII site transfer to Bloomingdale P.S. One new problem emerges, which is the appearance of a new pit with waste metals and the fact that some concrete slabs are too contaminated/damaged to be safely recycled. Disposal is very expensive ($150k). Discussion TBC.	Concrete slabs at PII site are too contaminated for recycling, and disposal will cost over $150k. Bloomigndale PS plans to demolish the PII building. FTCH's ongoing clean up activities (including SVE operation) can continue regardless throughout the transfer and demolition process.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)	
593	ID626	(Redacted) Summary of Sampling Events (4)	8/14/2003	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2004 (as of 8/14/2003). It´s a total of 57 events at 57 different residential and commercial locations. Most are annual sampling events.	List of 57 sampling test locations in the Pullman community. Results not shown.	All of Pullman community	
613	ID609	unknown (4)	10/6/2003	MI Dept of Environmental Quality	Internal memo	Site status and implementation schedule report for Pullman and 109th Ave project. Very good background info.	Provides a good summary of all main actions taken to diagnose and remediate the contamination between 1996 and 2003. Clarifies that PII installed an SVE system in 1998 but removed it after it was found not-liable for the contamination. MDEQ installed an AS/SVE system in 2003 (mentioned in previous ID entries). Also indicates that MDEQ will seek an additional $1M in FY2005 funding, which would take the total funding to over $2.5M since 1996.	All of Pullman community	
617	ID603	Fishbeck Thompson Carr and Huber Incorporated-Creamery Well Investigation	10/14/2003	FTC&H	Letter	FTCH photographic report documenting the location of three old Pearl Creamery wells as well as several other nearby wells.	Pearl Creamery wells located (three).	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)	
619	ID599	Trace Analytical Laboratories Incorporated-8-25-2003 Oil Sampling Results	10/29/2003	Villa Environmental Consultants	Lab results report	Analytical results of contaminants on the concrete areas at the PII site. This report is shared with MDEQ and Bloomingdale Public Schools as part of the process of purchasing the PII site.	The results indicate that the concrete has high contamination with several heavy metals (lead, arsenic, barium, and others)	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)	
620	ID598	Residential Well Investigation Map	November 2003	FTC&H	Map	Map of the residential and monitoring wells and sampling locations around 849 Pullman Ave.	Map of 849 Pullman Ave sampling and monitoring	849 Pullman Ave.	
622	ID593	Hefferan MDEQ- Mandle MDEQ - Evaluation of Potential Impact of Proposed Fire Well on Contaminant Plume	11/10/2003	MI Dept of Environmental Quality	Internal memo	Technical evaluation memo to MDEQ discussing the potential negative impact on the plume of installing a new water-supply well for the local fire department. This would be located north of Scott Creek and 200 ft south of the plume's southern boundary (near its downgradient). The report indicates that depending on the frequency and the intensity of use of the fire dept. well, it may end up causing a shift in the migration path of the plume, which would render ineffective the remedial measures implemented to date and create a new contamination path in Pullman. Thus, the report recommends installing the fire dept. well at a different location, either on the upgradient of the plume or south of Scott Creek, which is a natural barrier to the plume.	Concerns with installing a new water well for the fire dept because it may shift the pathway of the plume.	All of Pullman community	
627	ID594	Hinz Allegan County Health Department-Mandle MDEQ - Fire Well Impact on Contaminant Plume	11/24/2003	MI Dept of Environmental Quality	Email	Exchange between Allegan Co Environmental Health team and MDEQ in Lansing, which produced the evaluation described in ID593. The former provides data on water usage by the fire dept and informs that placing the well south of Scott Creek is not possible because that's out of township limits. The latter reconfirms that regardless of water usage, the proposed water-supply well location is not a good idea, and that the well should therefore be located upgradient to avoid rendering the remediation system cleaning up the aquifer ineffective.	Confirmation that fire dept water-supply well must be located upgradient of the plume.	All of Pullman community	

634	ID678	Mandle MDEQ-MacDonald Fishbeck Thompson Carr and Huber Incorporated - Updated Site Map of School and Municipal Wells	12/19/2003	FTC&H	Map	Pullman map showing the placement of Fire Dept well and Municipal wells.	Pullman map showing the placement of Fire Dept well and Municipal wells.	All of Pullman community
643	ID669	Mandle MDEQ-MacDonald Fishbeck Thompson Carr and Huber Incorporated - Flow Rate Estimates	1/21/2004	FTC&H	Email and Map	Project management conversation regarding the depth of different existing wells in the Pullman community.	Includes a map with different types of wells installed throughout the Pullman community	All of Pullman community
669	ID651	Williams MACTEC Engineering and Consulting Incorporated-MacDonald Fishbeck Thompson Carr and Huber Incorporated - Map of Proposed Sampling Locations	3/9/2004	FTC&H	Map	Map of soil sampling locations used for SVE pilot performance review. See ID649.	Map of soil sampling locations used for SVE pilot performance review. Includes all the testing readings. See ID649.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
670	ID649	Fishbeck Thompson Carr and Huber Incorporated-Air Sparging-Soil Vapor Extraction Pilot Summary	3/12/2004	FTC&H	Report	Air Sparging/Soil Vapor Extraction (AS/SVE) system pilot work plan summary.	Air Sparging/Soil Vapor Extraction (AS/SVE) system pilot work plan summary.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
674	ID712	3-15-2004 and 3-16-2004 Sediment Sampling Results - 40300161	3/17/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows contamination with at least 6 different VOCs. 16 soil samples at the PII site.	Evidence of soil contamination with 6 VOCs as of March 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
681	ID734	March 2004	3/26/2004	MI Dept of Environmental Quality	Report	MDEQ internal project profile report. Provides specific information on contamination description, classification, evidence, parameters, and metrics recorded.	Useful document - shows MDEQ profile of Pullman and 109th project profile.	All of Pullman community
1136	ID448	Fishbeck Thompson Carr and Huber Incorporated-Pullman Data and Site Status	4/4/2002	FTCH	Report and map	Site map and analytical reports on vertical groundwater profiling and streambed sampling.	Concludes that the plume does not appear to be migrating to the SW beneath Scott Creek, indicating that the creek is a natural boundary for the plume.	All of Pullman community
683	ID730	unknown (3)	4/15/2004	MI Dept of Environmental Quality	Report	MDEQ site summary - status report on Pullman and 109th Ave project progress.	Very useful status report as of April 2004 on what´s been done to date, current remedial investigation, future action, and funding flows.	All of Pullman community
687	ID723	Hefferan MDEQ- Mandle MDEQ - Draft Review of Remedial Action	4/23/2004	MI Dept of Environmental Quality	Report	Internal technical evaluation of the potential impact of the fire departments's water-supply well, municipal wells, and the school well on the plume remediation plans (groundwater pump and extraction system), in particular on the plume migration pathway. Conclusion from the study: at present rates, the fire dept, muni, and school wells do not affect the migration pathway, and will not affect the pump/extraction system to be installed by FTCH. But of those three increase their pumping rates, they will possibly decrease the effectiveness of FTCH´s pump/extraction system. Also, the model indicates that portions of the plume are migrating beyond the creek. Linked to ID647 (MSU report).	Conclusion from the study: for the pump/extraction system to be effective, one cannot increase the pumping rates of the fire dept, muni, and school wells. If they do, the remediation system will decrease its effectivenes and the plume migration pathway may shift. Separately, the model indicates that portions of the plume are migrating beyond the creek (though this may not be accurate).	All of Pullman community
688	ID722	(Redacted) - Summary of Sampling Events	4/26/2004	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2004 (as of 4/26/2004). It's a total of 63 events at 63 different residential and commercial locations. Most are annual sampling events.	List of 67 sampling test locations in the Pullman community. Results not shown, just list of events.	All of Pullman community

707	ID710	Fishbeck Thompson Carr and Huber Incorporated- Drinking Water Well Contaminant Investigation	5/20/2004	FTC&H	Report	TCE contamination had been detected at 849 Pullman Ave in 2002, and FTCH was asked by MDEQ to determine whether it was connected to the plume or not, given that this address is south of Scott Creek. FTCH installed monitoring wells and conducted sampling in several locations around the property (June 2003). More sampling was conducted in November 2003. Monitoring wells were abandoned in May 2004. In June 2003, 2 out of 12 samplings detected VOCs (4 types). In November 2003, 2 VOC types were detected in 2 out of 4 sampling locations. Based on review of water flow contours at the property and at the PII site, it is determined that contamination from the PII site is not affecting contamination south of the creek.	Report to MDEQ describing results of its investigation whether the 849 Pullman Ave contamination is llinked to the PII site contamination. The investigation concludes that it is not linked, that these are independent events.	849 Pullman Ave.
711	ID702	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Update on Site Groundwater Flow Issues	6/3/2004	FTC&H	Email	FTCH expresses preoccupation that contaminants are entering and even crossing through Scott Creek. To have more clarity, FTCH proposes a series of samlping exercises along the creek.	Concern that Scott Creek is already being contaminated by the plume.	All of Pullman community
726	ID779	Information Regarding Monitoring Well Installation and Monitoring Well 10	7/22/2004	FTC&H	Email	Conversation about the possibilty of setting up a new municipal water supply system (based on wells far outside the area of the plume) instead of (or along with) cleaning up the plume.	Conversation about the possibilty of setting up a new municipal water supply system (based on wells far outside the area of the plume) instead of (or along with) cleaning up the plume. Considerations are cost-benefit of either option, community preferences and buy-in, funding availability, real capacity to clean up the plume or not, and whether the plume is spreading or not.	All of Pullman community
743	ID760	Fishbeck Thompson Carr and Huber Incorporated- Manhole and Sump Sampling Summary	9/16/2004	FTC&H	Report	Report on results from sampling at 9 sumps and manholes sites at the PII site, exploring possible contaminated residue in the storm sewer and floor drainage system (Related to ID746 - Workplan).	Varying concentrations of VOCs, PAHs, PSBs, metals, and other contaminants were found in several sites of the drainage piping system. Now it is necessary to determine whether there has been leakage of contaminants into the soil from the piping system (this is proposed in the Work Plan in ID746). This is the first time that the piping and drainage system is explored for potential leakage and contamination (MDEQ recognizes this in ID779). Note: Sampling took place in March 2004, this report is issued in September 2004, the Work plan is issued in February 2005, which means the next steps take place over a year after sampling took place. Demonstrates the slow pace of action.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
745	ID741	9-14-2004 - 9-16-2004 Water Sampling Results - 40900200	9/20/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows water contamination with 8 VOCs. 24 monitoring well samples at the PII site.	Evidence of water contamination with 8 VOCs as of September 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
769	ID823	1-18-2005 - 1-20-2005 Water Sampling Results - 50100146	1/21/2005	MI Dept of Environmental Quality	Lab results report	Analytical results from 23 monitoring wells (locations unclear). Several wells report contamination with several VOCs.	Monitoring well VOC contamination persists as of January 2005.	All of Pullman community

770	ID746	Fishbeck Thompson Carr and Huber Incorporated- Work Plan and Cost Estimate for Additional Site Characterization	2/4/2005	FTC&H	Report	The work plan includes: quarterly groundwater sampling for 2 years (already started Sep 2004), updated delineation of the downgradient extent of the plume, a hydrologic assessment of Scott Creek, and source area characterization. An addendum to the previous Remedial Investigation will be prepared.	REALLY USEFUL SUMMARY OF WHAT FTCH WILL BE DOING AND HOW IT BUILDS ON ITS PREVIOUS WORK. A 2002 investigation indicated that Scott Creek was acting as a hydrologic boundary for the plume's migration flow. Sept 2004 MW testing indicates that the north side of the Creek has seen a stable plume and decreased VOC concentrations, but to date there have been no MWs on the south side (across the Creek). FTCH will now investigate if the unconfined aquifer is impacted on the south side of the creek, which would mean that the Creek is not serving as a natural boundary to the plume, and contaminants are discharging into the Creek (which already appears to be the case west of Pullman Ave). The source area characterization will be done because sampling tests at PII site in March 2004 (see ID760) indicated high concentration of TCE, PCE, PNAs, PCBs, and other materials in some sumps. FTCH will map and inspect the drain pipes network beneath the building to locate possible spillout points, investigate them, and find their discharge sites.	All of Pullman community
771	ID743	(Redacted) Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Information Regarding Impacted Replacement Water Supply Well	2/7/2005	MI Dept of Environmental Quality	Email	Informs that testing at the replacement well at 885 Pearl St has detected VOCs for 3 straight sampling rounds, even showing a gradual increase in TCE levels between Aug 2004 and Jan 2005. This is a 1997 replacement well at the home of the former Township supervisor. Well is 134 feet deep. Mentions that the "shared water supply system" (presumably Township-managed and owned) has 11 out of 15 connections taken. DMEQ plans to encourage the township setting up a "municipal supply system for the whole area".	Increasing TCE contamination at a site with a 1997 replacement well.	885 Pearl St.
783	ID827	(Redacted) Resident- Rubitschun MDEQ - 885 Pearl Street Water Well Sampling Results	3/8/2005	MI Dept of Environmental Quality	Letter	Informs of VOC contamination, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their replacement well for drinking or cooking. Residents are offered bottled water.	This is the first case of a notifciation of contamination of a replacement well, where the resident is advised (again) to receive free bottled water.	885 Pearl St.
806	ID802	Email - (Redacted) Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Follow Up on Access Agreements and Phone Conversation with Property Owner	3/25/2005	FTC&H	Email	FTCH tells MDEQ about the property onwer's concerns that there may have been petroleum spills from previous owners that he does not want to be held responsible for.	This address (860 56th St) appears in the past as Larson Video Shoppe, and aparently there was a gas station in the distant past. According to this entry, the business there is now called "Terry's Auto Sales". ALSO, the entry includes a list of (underground?) tanks across the Pullman community, some in use and some already removed.	860 56th St
820	ID794	TriMatrix Laboratories Incorporated- 5-16-2005 and 5-17-2005 Water Sampling Results - 36875-1	6/6/2005	TriMatrix Labs	Lab results report	Analytical results from 11 monitoring wells (locations unclear). Several wells report contamination with several VOCs.	Monitoring well VOC contamination persists as of June 2005.	All of Pullman community
829	ID877	Hefferan MDEQ- Williams MACTEC Engineering and Consulting Incorporated - Information for Site Action Plans	7/18/2005	MI Dept of Environmental Quality	Email	Conversation on the need to identify any new technologies to clean up the plume, beyond the pump and treatment system that will be lenghty and expensive. This motivates MACTEC's proposed three-tranche approach in ID876.	Demonstrates that DMEQ and MASCTEC keep looking for options to clean up the plume as quickly and effectively as possible.	All of Pullman community

832	ID874	Hefferan MDEQ- Lack MDEQ - Comments Regarding Funding Database	7/29/2005	MI Dept of Environmental Quality	Email	Budgeting conversation.	Indicates that, to date, approx. $1.75 million has been committed (not yet spent) to the Pullman Ave and 109th Ave project. Note that another $1M is to be requested until project closure in 2015, per ID871.	All of Pullman community
839	ID853	Fishbeck Thompson Carr and Huber Incorporated-Groundwater Monitoring Report September 2004 and January 2005	8/22/2005	FTC&H	Report	Quarterly Groundwater monitoring report - September 2004 and January 2005	In Sept 2004, as many as 7 different VOCs detected in 10 monitoring wells in the Pullman community and near Scott Creek. PCE, TCE, and dis1-2DCE with particular intensity. In Jan 2005, as many as 8 different VOCs detected in 10 monitoring wells in the Pullman community and near Scott Creek. PCE, TCE, and dis1-2DCE with particular intensity. Report includes a groundwater elevation map that confirms (with metrics) the groundwater flow downgradient towards the southwest, from the PII plant site towards Scott Creek. NOTE: At present, the VOC groundwater exposure for drinking water is limited to the plume pathway. Wells near Scott Creek do not detect dangerous concentrations of VOCs.	All of Pullman community
841	ID870	Project Update Meeting	8/26/2005	FTC&H	Report	Update on remediation project progress as of August 2005.	Plume has not crossed Scott Creek in the area around Pullman Road. The PCE mass of the plume has advanced further west than anticipated. Contaminants from the plume are venting into the Creek in the area west of Pullman Rd, though apparently at lower concentrations than GSI levels. The PII site's sewer system seems to be completely plugged with sediment and oily material. No VOC detections at the clay unit below the Creek.	All of Pullman community
842	ID871	unknown (2)	8/29/2005	MI Dept of Environmental Quality	Report	Site status report on implementation activities. Great summary of what´s been done historically to date.	Highlights: the project closure date has shifted from 2011 to 2015. Main reason is that the groundwater remediation evaluation is delayed. The initial remediation plan (groundwater pump and treatment system is not yet approved, pending the ongoing evaluation of Scott Creek and the area downgradient from the PII site to the creek (which is documented in many of the entries in this database). Once that step is taken, if the pump/treatment system is implemented, there will be a need for about $1M more in funding for the O&M phase.	All of Pullman community
869	ID844	(Redacted) Summary of Sampling Events (3)	12/13/2005	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2006 (as of 12/1432005). It's a total of 72 events at 72 different residential and commercial locations. Most are annual sampling events.	List of 72 sampling test locations in the Pullman community. Results not shown. Demonstrates very active monitoring effort.	All of Pullman community
874	ID842	Fishbeck Thompson Carr and Huber Incorporated-Soil Vapor Extraction Pilot Operation Summary	12/30/2005	FTC&H	Report	Soil Vapor Extraction Pilot Operation Summary	Concludes that the AS/SVE system shuold be effective to remove soil and groundwater contaminants significantly, if not completely.	All of Pullman community

875	ID889	Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation Addendum	12/30/2005	FTC&H	Report	Remedial Investigation Addendum. Presents a summary of the site investigation activites done to date.	Includes updated maps (as of July 2005) delineating the plume horizontally and vertically (figs 4, 5, and 8). The plume contains high levels of PCE, TCE, 1-1DCE and 1-2DCE. Near the PII site, the main contaminant is PCE (contamination levels there are decreasing). At the center of the plume, PCE and TCE. Toward the western edge of the plume, 1.2DCE is and TCE (TCE levels seem to be increasing here). This pattern suggdests a natural process of attenuation from PCE to TCE to DCE taking place. A map summarizing the Pullman area ´s drinking wells and their current status is in Appendix A. No VOCs detected south of Scott Creek. VOCs in groundwater extend to Scott Creek near Pullman Road. Figure 8 suggests that the contaminated groundwater is discharging into the Creek, since no VOCs are detected south of the Creek. So, the creek acts as a hydraulic boundary to groundwater flow and contamination. Recommendations: continue quarterly monitoring groundwater samples for 2 years (which helps monitor and also informs whether a natural attenuation strategy makes sense), complete clean up of PII site drain piping network, model plume migration patterns to foresee future potential impacts. abandon old Pearl Creamery wells,	All of Pullman community
878	ID919	Remedial Investigation Addendum	Early 2006	FTC&H	Map	Pullman community map including all the testing sites and results per site.	Useful visual of Pullman testing sites and testing results til early 2006.	All of Pullman community
880	ID46	Site Summary (4)	2006	MI Dept of Environmental Quality	Site History Summary	In 1991, the Department discovers that about 30 shallow residential wells had been contaminated with VOCs emanating from Pullman Industries. Bottled water supplied to affected residences between 1991 and when the wells were replaced in 1997. The new wells are deeper than the contaminated plume but are not in a protected aquifer. Some of the new wells do not produce water in adequate quantity. Old Pullman dissolved in 1985 and New Pullman is not liable for prior contamination. State soil and groundwater investigations started in 1997 and defined the size and extent of the contaminant plume near Scott Creek. Both Pullman Industries and gas stations in the area impacted the soil and the groundwater. Both TCE and PCE were detected in very large amounts. Soil vapor extraction completed in 2004. Remedial action feasilbility analysis completed and scope/extent of plume was mapped (2006) but funding not available to implement remediation and monitoring plan. While monitoring exists to some extent, residential wells are at risk as long as the plume is not remediated. Potential conduits between the Pullman Industries plant and the aquifer remain in place, and remedial action should have been started and monitored for ten years (2008-2018). Approx $1.25 million needed but not available.	Summary of contamination history related to Pullman Industries, affecting at least 30 residential wells. Potential for continued contamination remains unless remedial action not implemented/funded (not done as of 2006).	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
889	ID933	Summary of Sampling Events	1/13/2006	MI Dept of Environmental Quality	Report	List of sampling events conducted historically at both of Township Hall's wells (potable and non-potable water wells).	The potable well had VOCs and other substances detected in 1996, but none again since 2001. The non-potable well has VOC detects as of 2003.	877 56thSt (Lee Township Hall and Fire Barn)
894	ID909	Fishbeck Thompson Carr and Huber Incorporated- 8-29-2005 Storm Sewer Sediment Sampling Results and Waste Profile	1/26/2006	FTC&H	Report	Sediment samples collected at the PII site sewer and piping system are detected for cadmium, barium, and lead (no VOCs or other contaminants detected). Only lead exceeds maximum TCLP contaminant levels. Sediments remain in place until further notice.	Detection of high levels of lead at PII sewer and piping system.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

934	ID944	Simons MDEQ- Bondy MACTEC Engineering and Consulting of Michigan Incorporated - Submittal of Contract Change Orders 42 and 77 and Contract Modification 58(1)	3/21/2006	MACTEC (formerly Harding ESE)	Letter	Contract change order request to close out the contract.	Contract close out request. Unclear why, if work plan activities are not yet completed.	N/A
953	ID966	MDEQ- 2007 Action Plan Record	11/28/2006	MI Dept of Environmental Quality	Form	2007 Action Plan record requesting $1M for "remedy" at Pullman and 109th project, and another $200k for O&M for 10 years.	Unclear why is MACTEC closing out if they were supposed to implement the "remedy", which has not been yet implemented, and funding for it is still being requested. Seems to mean that MDEQ wanted to change contractor??	All of Pullman community
954	ID964	Email - Norton MDEQ- Rubitschun MDEQ - Request for Expedited Approval of Additional Funding Request	11/30/2006	MI Dept of Environmental Quality	Email	Request for additional funds ($6,000) to cover the connection of 3 additional wells to the Type III well in Pullman. These three are replacement wells that have recently been contaminated. These funds add to another $6,000 tranche approved in March 2006.	3 of the approx. 30 replacement wells from 1997 have been contaminated and are now being abandoned. These 3 addresses will be connected to the Type III well system.	All of Pullman community
1003	ID1000	Hefferan MDEQ- Larcinese Villa Environmental Consultants Incorporated - Updates on Site Activities	10/18/2007	Villa Environmental Consultants	Email	Discussion with MDEQ around the demolition of the PII structure by Bloomingdale P.S. What to do about the PII sewer and drain system, which was explored and documented by FTCH but never actually cleaned up (at least not in RIDE records). Villa Environmental Consultants is working with the School system to do the pre-demolition action (October 2007). They plan to rip up the drains/piping and remove related sediments, will also clean the grime off the production areas. Will close the production wells. MDEQ recommends capping the drains that are conduits to the creek, to prevent eventual problems.	PII structure demolished. Drains and piping ripped up, floor cleaned. PII site should be a non-hazard from this point on, as Bloomingdale P.S. has implemented its Due Care plan before demolishing and building the playground and parking lot.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1006	ID1001	ODell Bloomingdale Public Schools- Bell Villa Environmental Consultants Incorporated - Asbestos Removal and Floor Cleanup	12/10/2007	Villa Environmental Consultants	Letter	Informs Bloomingdale P.S. that asbestos has been removed and lead has been removed from most concrete surfaces (except a single area, which has been delineated for future action).	PII site asbestos and lead removed (mostly).	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1031	ID1082	Lee Township Fire- Williams Allegan County Health Department - 877 56th Street Water Well Sampling Results	3/25/2008	MI Dept of Environmental Quality	Letter	Informs of VOC contamination, specifically trichloroethane, tetrahydrafurane, and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their well for drinking or cooking. Residents are offered bottled water.	This is the first case of contamination noted in the RIDE files since January 2006, when contamination at 885 Pearl St. was detected. In fact the Fire Dept also showed contamination in January 2006 (ID933). See ID1047 for continued contamination into 2009. Clearly the Fire Dept is the hardest address to decontaminate.	877 56thSt (Lee Township Hall and Fire Barn)
1035	ID1070	(Redacted) Summary of Sampling Events (2)	8/6/2008	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2009 (as of 8/6/2008). It´s a total of 57 events at 57 different residential and commercial locations. Most are annual sampling events.	List of 57 sampling test locations in the Pullman community. Results not shown. Demonstrates that extensive testing is still implemented even after the MACTEC project is put on hold.	All of Pullman community
1044	ID1063	unknown(1)	11/21/2008	MI Dept of Environmental Quality	Report	Status report ("Action Plan") on the Pullman project.	Indicates that project is on partial hold status (Approved Partial Closure or APC) "until funding is available to install groundwater remedial action." Indicates that $1.55M is needed in FY10 and FY11 funds to complete the project, including the 10-year O&M period. A total of $1.156M have been spent to date on the project. Indicates that "downgradient and replacement wells continue to be at risk from the plume." Includes a good summary description of funded actions taken to date.	N/A

1064	ID1047	Lee Township Fire Department- Williams Allegan County Health Department - 877 56th Street Drinking Water Sampling Results	2/13/2009	MI Dept of Environmental Quality	Letter	Informs of VOC contamination, specifically trichloroethane. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their well for drinking or cooking. Residents are offered bottled water.	See ID933 and ID1082 for contamination records for Fire Dept 2006 and 2009. Clearly the Fire Dept is the hardest address to decontaminate.	877 56thSt (Lee Township Hall and Fire Barn)
1065	ID1046	ERD File Inventory	4/13/2009	MI Dept of Environmental Quality	List	MDEQ's ERD's file inventory for the Pullman Ave and 109th Ave project.	VERY USEFUL. List of project management folders and of all major reports from this project. Shows that coverage of the PII contamination problem starts in 1991, the actual ABB/MACTEC project runs 1996 through 2006, there is no follow-up project to MACTEC's (at least up to mid-2009), and there are 27 major reports listed, most/all of which are included in these RIDE files.	N/A
1084	ID1087	(Redacted) Monitoring Well Information	2010	Allegan Co. Health Dept.	List	Cross-check workshseet list of addresses and sampling tests between 1996 and 2010.	GREAT summary checklist of tested residences. Highlights which addresses are "OK to drop" from sampling and for which monitoring needs to be maintained.	All of Pullman community
1092	ID1129	Evaluation of Part 201 Facility for Strategic Water Quality Initiative Fund Eligibility	5/6/2010	MI Dept of Environmental Quality	Internal memo	Summary of Prop 2 funding eligibility evaluation.	Evaluation indicates that "Pullman Rd and 109th Ave" is not eligible for Prop 2 funding.	All of Pullman community
1116	ID1123	(Redacted) Summary of Sampling Events	10/25/2010	MI Dept of Environmental Quality	Report	58-page report of all sampling events conducted in the Pullman community historically, between 1996 and 2010, listed by address, including testing dates and testing results. This inclues hundreds of tests over the years at 107 locations.	List of hundreds of sampling tests at 107 locations in the Pullman community over the years, includes results.	All of Pullman community

TOP 25 MUST-READ DOCUMENTS								
Document number	**Document Identifier**	**Document Name**	**Date**	**Institution**	**Type of document**	**Summary of contents**	**Relevance**	**Location**
26	ID69	(Redacted) Water Samples Collected in Lee Township	March 1993 through April 1994	Undefined	Lab results report	Water testing lab results for 50+ addresses.	These results confirm contamination in 27 sites in the Pullman vicinity.	All of Pullman community
265	ID245	ABB Environmental Services of Michigan Incorporated- Draft Interim Response Site Investigation Report	7/9/1997	ABB	Report	Report of ABB´s soil and groundwork sampling investigation, conducted in March and April 1997. ABB collected samples from soil borings in 38 locations. Collection includes 38 soil samples and 290 ground water samples for VOC lab analysis. Samples also collected from a drainage ditch at Pullman Industries discharging into Scott Creek. In parallel, MDEQ also collected samples from two cisterns and a drain at the Pullman Industries site. Key results: a shallow aquifer is present 4-7 feet underground. The primary contaminants identified in soil and groundwater are PCE, TCE and 1-1-1 TCA, which are common solvent and industrial degreasers. Another 12 contaminants were also identified in less concentration. The elevated concentrations found indicate that different Pullman Industries sites across the plant may be a release source for PCE and TCE into the soil and the groundwater, and the plume may originate from Pullman Industries. Given the extension of the Plume far beyond the plant (1200 feet long and 300 feet wide), it is possible that other source areas exist. Includes several detailed diagrammed maps of the contamination locations the boring sites etc, as well as all the lab results.	Definitive report indicating that Pullman Industries is most probably the source (though there may be others too) of the largest concentration of PCE, TCE, and 1-1-1-TCA. Basis for requiring remedial action from PII. Contains very useful visuals.	All of Pullman community
332	ID384	Cobe MDEQ- Elmleaf MDEQ - Liability Consult for Pullman Road	4/26/1999	MI Dept of Environmental Quality	Email	Email from an MDEQ lawyer expressing disagreement with the MDEQ team's decision to recommend a determination that PII is not responsible or liable for the plume (See ID369). Lawyer recommends indicating that MDEQ has not enough information to make a recommendation one way or another.	Dissent by MDEQ lawyer on finding PII not legally liable for plume. Evidently there were different views on this decision.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
346	ID369	OBrien Dean and Fulkerson PC- ODonnell MDEQ - Confirmation of Previous Conversations	11/24/1999	MI Dept of Environmental Quality	Letter	Official MDEQ letter informing PII (and Dean & Fulkerson) that PII is not responsible and not liable for the plume underneath its factory site. The responsible party is "old Pullman Co", which ceased to exist in 1985 and is not legally linked to "new Pullman", which also incorporated in 1985 (as C&M Corporation).	Liability determination - Official notification to PII that it is not legally liable for the plume. The evidence is somewhat blurry, and in fact, ID384 includes an email from a MDEQ lawyer disagreeing with this determination.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
468	ID453	Site Summary (2)	April 2002	MI Dept of Environmental Quality	Internal memo	Internal MDEQ site summary report.	Plume has been largely delineated by now. Monitoring wells installed in 2001 by FTC&H. Plan to complete the feasibility analysis and install the groundwater pump and treatment system between 2002 and 2003. Plan to request an additional $1M for unspecified purposes.	All of Pullman community
493	ID524	Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation	7/24/2002	FTC&H	Report	FTCH´s remedial investigation (RI) results. RI plan approved June 2001 and an additional sampling plan approved in February 2002. RI field work conducted between June 2001 and April 2002. RI report completed in July 2002. RI collected samples from monitoring wells, soil borings and geoprobe groundwater samples. Sought to determine the extent of the plume. RI confirms that several types of contaminants remain both in groundwater in the unconfined aquifer and in soil samples. PCE, TCE, and others. The plume has extended since ABB's study in 1997 and its contaminated center has migrated downgradient. No lateral expansion. Groundwater PCE around the PII plant is decreasing, but groundwater TCE levels at the edge of the downgradient are increasing. Samples at Scott Creek indicate no contamination, though it may occur further downstream already and is the likely receptor of contaminants later on.	Very important status report of contamination at the plume site as of April 2002. Very useful backgroun info. Very good visuals.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

580	ID550	Villa Environmental Consultants Incorporated- Phase II Investigation Report	7/8/2003	Villa Environmental Consultants	Report	This is an environmental review report contracted by Bloomingdale Public Schools as it seems to be assessing the option of purchasing the PII site. The report documents the presence of at least two new contaminated locations (beyond what's already been documented by MDEQ), one of which with high levels of arsenic. The contractors recommend conducting a Baseline Environmental Assessment (BEA) prior to purchasing the site.	New report (not linked to MDEQ) detecting contaminants in new sites, including high levels of arsenic, as of July 2003.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
613	ID609	unknown (4)	10/6/2003	MI Dept of Environmental Quality	Internal memo	Site status and implementation schedule report for Pullman and 109th Ave project. Very good background info.	Provides a good summary of all main actions taken to diagnose and remediate the contamination between 1996 and 2003. Clarifies that PII installed an SVE system in 1998 but removed it after it was found not-liable for the contamination. MDEQ installed an AS/SVE system in 2003 (mentioned in previous ID entries). Also indicates that MDEQ will seek an additional $1M in FY2005 funding, which would take the total funding to over $2.5M since 1996.	All of Pullman community
622	ID593	Hefferan MDEQ- Mandle MDEQ - Evaluation of Potential Impact of Proposed Fire Well on Contaminant Plume	11/10/2003	MI Dept of Environmental Quality	Internal memo	Technical evaluation memo to MDEQ discussing the potential negative impact on the plume of installing a new water-supply well for the local fire department. This would be located north of Scott Creek and 200 ft south of the plume's southern boundary (near its downgradient). The report indicates that depending on the frequency and the intensity of use of the fire dept. well, it may end up causing a shift in the migration path of the plume, which would render ineffective the remedial measures implemented to date and create a new contamination path in Pullman. Thus, the report recommends installing the fire dept. well at a different location, either on the upgradient of the plume or south of Scott Creek, which is a natural barrier to the plume.	Concerns with installing a new water well for the fire dept because it may shift the pathway of the plume.	All of Pullman community
687	ID723	Hefferan MDEQ- Mandle MDEQ - Draft Review of Remedial Action	4/23/2004	MI Dept of Environmental Quality	Report	Internal technical evaluation of the potential impact of the fire departments's water-supply well, municipal wells, and the school well on the plume remediation plans (groundwater pump and extraction system), in particular on the plume migration pathway. Conclusion from the study: at present rates, the fire dept, muni, and school wells do not affect the migration pathway, and will not affect the pump/extraction system to be installed by FTCH. But of those three increase their pumping rates, they will possibly decrease the effectiveness of FTCH´s pump/extraction system. Also, the model indicates that portions of the plume are migrating beyond the creek. Linked to ID647 (MSU report).	Conclusion from the study: for the pump/extraction system to be effective, one cannot increase the pumping rates of the fire dept, muni, and school wells. If they do, the remediation system will decrease its effectivenes and the plume migration pathway may shift. Separately, the model indicates that portions of the plume are migrating beyond the creek (though this may not be accurate).	All of Pullman community
743	ID760	Fishbeck Thompson Carr and Huber Incorporated- Manhole and Sump Sampling Summary	9/16/2004	FTC&H	Report	Report on results from sampling at 9 sumps and manholes sites at the PII site, exploring possible contaminated residue in the storm sewer and floor drainage system (Related to ID746 - Workplan).	Varying concentrations of VOCs, PAHs, PSBs, metals, and other contaminants were found in several sites of the drainage piping system. Now it is necessary to determine whether there has been leakage of contaminants into the soil from the piping system (this is proposed in the Work Plan in ID746). This is the first time that the piping and drainage system is explored for potential leakage and contamination (MDEQ recognizes this in ID779). Note: Sampling took place in March 2004, this report is issued in September 2004, the Work plan is issued in February 2005, which means the next steps take place over a year after sampling took place. Demonstrates the slow pace of action.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

770	ID746	Fishbeck Thompson Carr and Huber Incorporated- Work Plan and Cost Estimate for Additional Site Characterization	2/4/2005	FTC&H	Report	The work plan includes: quarterly groundwater sampling for 2 years (already started Sep 2004), updated delineation of the downgradient extent of the plume, a hydrologic assessment of Scott Creek, and source area characterization. An addendum to the previous Remedial Investigation will be prepared.	REALLY USEFUL SUMMARY OF WHAT FTCH WILL BE DOING AND HOW IT BUILDS ON ITS PREVIOUS WORK. A 2002 investigation indicated that Scott Creek was acting as a hydrologic boundary for the plume's migration flow. Sept 2004 MW testing indicates that the north side of the Creek has seen a stable plume and decreased VOC concentrations, but to date there have been no MWs on the south side (across the Creek). FTCH will now investigate if the unconfined aquifer is impacted on the south side of the creek, which would mean that the Creek is not serving as a natural boundary to the plume, and contaminants are discharging into the Creek (which already appears to be the case west of Pullman Ave). The source area characterization will be done because sampling tests at PII site in March 2004 (see ID760) indicated high concentration of TCE, PCE, PNAs, PCBs, and other materials in some sumps. FTCH will map and inspect the drain pipes network beneath the building to locate possible spillout points, investigate them, and find their discharge sites.	All of Pullman community
832	ID874	Hefferan MDEQ- Lack MDEQ - Comments Regarding Funding Database	7/29/2005	MI Dept of Environmental Quality	Email	Budgeting conversation.	Indicates that, to date, approx. $1.75 million has been committed (not yet spent) to the Pullman Ave and 109th Ave project. Note that another $1M is to be requested until project closure in 2015, per ID871.	All of Pullman community
841	ID870	Project Update Meeting	8/26/2005	FTC&H	Report	Update on remediation project progress as of August 2005.	Plume has not crossed Scott Creek in the area around Pullman Road. The PCE mass of the plume has advanced further west than anticipated. Contaminants from the plume are venting into the Creek in the area west of Pullman Rd, though apparently at lower concentrations than GSI levels. The PII site's sewer system seems to be completely plugged with sediment and oily material. No VOC detections at the clay unit below the Creek.	All of Pullman community
842	ID871	unknown (2)	8/29/2005	MI Dept of Environmental Quality	Report	Site status report on implementation activities. Great summary of what´s been done historically to date.	Highlights: the project closure date has shifted from 2011 to 2015. Main reason is that the groundwater remediation evaluation is delayed. The initial remediation plan (groundwater pump and treatment system is not yet approved, pending the ongoing evaluation of Scott Creek and the area downgradient from the PII site to the creek (which is documented in many of the entries in this database). Once that step is taken, if the pump/treatment system is implemented, there will be a need for about $1M more in funding for the O&M phase.	All of Pullman community
845	ID852	Fishbeck Thompson Carr and Huber Incorporated- Groundwater Monitoring Report July 2005	9/26/2005	FTC&H	Report	Quarterly Groundwater monitoring report - July 2005	As many as 7 different VOCs detected in 10 monitoring wells in the Pullman community and near Scott Creek. PCE, TCE, and dis1-2DCE with particular intensity. Groundwater elevation metrics have not changed since the April 2005 report. NOTE: At present, the VOC groundwater exposure for drinking water is limited to the plume pathway. Wells near Scott Creek do not detect dangerous concentrations of VOCs.	All of Pullman community
874	ID842	Fishbeck Thompson Carr and Huber Incorporated- Soil Vapor Extraction Pilot Operation Summary	12/30/2005	FTC&H	Report	Soil Vapor Extraction Pilot Operation Summary	Concludes that the AS/SVE system shuold be effective to remove soil and groundwater contaminants significantly, if not completely.	All of Pullman community

875	ID889	Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation Addendum	12/30/2005	FTC&H	Report	Remedial Investigation Addendum. Presents a summary of the site investigation activites done to date.	Includes updated maps (as of July 2005) delineating the plume horizontally and vertically (figs 4, 5, and 8). The plume contains high levels of PCE, TCE, 1-1DCE and 1-2DCE. Near the PII site, the main contaminant is PCE (contamination levels there are decreasing). At the center of the plume, PCE and TCE. Toward the western edge of the plume, 1.2DCE is and TCE (TCE levels seem to be increasing here). This pattern suggdests a natural process of attenuation from PCE to TCE to DCE taking place. A map summarizing the Pullman area´s drinking wells and their current status is in Appendix A. No VOCs detected south of Scott Creek. VOCs in groundwater extend to Scott Creek near Pullman Road. Figure 8 suggests that the contaminated groundwater is discharging into the Creek, since no VOCs are detected south of the Creek. So, the creek acts as a hydraulic boundary to groundwater flow and contamination. Recommendations: continue quarterly monitoring groundwater samples for 2 years (which helps monitor and also informs whether a natural attenuation strategy makes sense), complete clean up of PII site drain piping network, model plume migration patterns to foresee future potential impacts. abandon old Pearl Creamery wells,	All of Pullman community
880	ID46	Site Summary (4)	2006	MI Dept of Environmental Quality	Site History Summary	In 1991, the Department discovers that about 30 shallow residential wells had been contaminated with VOCs emanating from Pullman Industries. Bottled water supplied to affected residences between 1991 and when the wells were replaced in 1997. The new wells are deeper than the contaminated plume but are not in a protected aquifer. Some of the new wells do not produce water in adequate quantity. Old Pullman dissolved in 1985 and New Pullman is not liable for prior contamination. State soil and groundwater investigations started in 1997 and defined the size and extent of the contaminant plume near Scott Creek. Both Pullman Industries and gas stations in the area impacted the soil and the groundwater. Both TCE and PCE were detected in very large amounts. Soil vapor extraction completed in 2004. Remedial action feasilbility analysis completed and scope/extent of plume was mapped (2006) but funding not available to implement remediation and monitoring plan. While monitoring exists to some extent, residential wells are at risk as long as the plume is not remediated. Potential conduits between the Pullman Industries plant and the aquifer remain in place, and remedial action should have been started and monitored for ten years (2008-2018). Approx $1.25 million needed but not available.	Summary of contamination history related to Pullman Industries, affecting at least 30 residential wells. Potential for continued contamination remains unless remedial action not implemented/funded (not done as of 2006).	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
953	ID966	MDEQ- 2007 Action Plan Record	11/28/2006	MI Dept of Environmental Quality	Form	2007 Action Plan record requesting $1M for "remedy" at Pullman and 109th project, and another $200k for O&M for 10 years.	Unclear why is MACTEC closing out if they were supposed to implement the "remedy", which has not been yet implemented, and funding for it is still being requested. Seems to mean that MDEQ wanted to change contractor??	All of Pullman community
1003	ID1000	Hefferan MDEQ- Larcinese Villa Environmental Consultants Incorporated - Updates on Site Activities	10/18/2007	Villa Environmental Consultants	Email	Discussion with MDEQ around the demolition of the PII structure by Bloomingdale P.S. What to do about the PII sewer and drain system, which was explored and documented by FTCH but never actually cleaned up (at least not in RIDE records). Villa Environmental Consultants is working with the School system to do the pre-demolition action (October 2007). They plan to rip up the drains/piping and remove related sediments, will also clean the grime off the production areas. Will close the production wells. MDEQ recommends capping the drains that are conduits to the creek, to prevent eventual problems.	PII structure demolished. Drains and piping ripped up, floor cleaned. PII site should be a non-hazard from this point on, as Bloomingdale P.S. has implemented its Due Care plan before demolishing and building the playground and parking lot.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

1044	ID1063	unknown(1)	11/21/2008	MI Dept of Environmental Quality	Report	Status report ("Action Plan") on the Pullman project.	Indicates that project is on partial hold status (Approved Partial Closure or APC) "until funding is available to install groundwater remedial action." Indicates that $1.55M is needed in FY10 and FY11 funds to complete the project, including the 10-year O&M period. A total of $1.156M have been spent to date on the project. Indicates that "downgradient and replacement wells continue to be at risk from the plume." Includes a good summary description of funded actions taken to date.	N/A
1064	ID1047	Lee Township Fire Department- Williams Allegan County Health Department - 877 56th Street Drinking Water Sampling Results	2/13/2009	MI Dept of Environmental Quality	Letter	Informs of VOC contamination, specifically trichloroethane. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their well for drinking or cooking. Residents are offered bottled water.	See ID933 and ID1082 for contamination records for Fire Dept 2006 and 2009. Clearly the Fire Dept is the hardest address to decontaminate.	877 56thSt (Lee Township Hall and Fire Barn)
1084	ID1087	(Redacted) Monitoring Well Information	2010	Allegan Co. Health Dept.	List	Cross-check workshseet list of addresses and sampling tests between 1996 and 2010.	GREAT summary checklist of tested residences. Highlights which addresses are "OK to drop" from sampling and for which monitoring needs to be maintained.	All of Pullman community
1116	ID1123	(Redacted) Summary of Sampling Events	10/25/2010	MI Dept of Environmental Quality	Report	58-page report of all sampling events conducted in the Pullman community historically, between 1996 and 2010, listed by address, including testing dates and testing results. This inclues hundreds of tests over the years at 107 locations.	List of hundreds of sampling tests at 107 locations in the Pullman community over the years, includes results.	All of Pullman community

SAMPLE TESTING EVENTS								
Document number	**Document Identifier**	**Document Name**	**Date**	**Institution**	**Type of document**	**Summary of contents**	**Relevance**	**Location**
22	ID11	MDPH- 3-1-1991 and 3-19-1991 Water Sampling Results	5/9/1991	Michigan DPH	Lab results report	Includes a detailed lab report of a contaminated sample from this well. Confirms detection of two contaminants (methylene chloride and dichlorodifluoromethane). Approves bottled water provision. Indicates that there was a "video shop" at this location.	VOC contamination detected.	860 56th St
26	ID69	(Redacted) Water Samples Collected in Lee Township	March 1993 through April 1994	Undefined	Lab results report	Water testing lab results for 50+ addresses.	These results confirm contamination in 27 sites in the Pullman vicinity.	All of Pullman community
27	ID8	(Redacted) Resident- Crigier MDPH - 860 56th Street Water Well Sampling Results	4/8/1993	Michigan DPH	Letter	Informs that samples analyzed for presence of volatile hydrocarbons at the well located at 860 56th St gave NEGATIVE results. Still, investigation in the area will continue (has been ongoing) and the advisory to not use tap water remains in place.	Confirms the existence of an ongoing investigation to define the magnitude of water contamination. No VOC detection.	860 56th St
28	ID6	Poynter MDNR- Ghavami MDNR - Informational Documents	8/20/1993	MI Dept Natural Resources (DNR)	Michigan Environmental Response Act (MERA) Authorization request memo	Approval to provide bottled water in response to three wells being contaminated: 860 56th St (methylñene chloride), 885 Pullman Rd (trichloroethylene and 1,1,1,- trichloroethane), 5582 109th Ave, a business address (1,1,1,-trichloroethane).	Confirms that these three wells are contaminated. INCLUDES the MDPH Volatile Organic Sampling data sheets for the contamination sites.	860 56th St, 885 Pullman Rd, and 5582 109th Ave, a business address.
29	ID13	Rcor Terra- Crigier MDPH - 5582 109th Avenue Water Well Sampling Results	8/24/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1,1,-trichloroethane. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5582 109th Avenue
30	ID9	Crigier MDPH- Ghavami MDNR - Approval for Bottled Water Request	8/25/1993	MI Dept Natural Resources (DNR)	Michigan Environmental Response Act (MERA) Authorization request memo	Same contents as "Poynter MDNR- Ghavami MDNR - Informational Documents" dated 8/20/1993	VOC contamination detected.	860 56th St, 885 Pullman Rd, and 5582 109th Ave, a business address.
32	ID5	MERA Request for Authorization (2)	10/1/1993	MI Dept Natural Resources (DNR)	Michigan Environmental Response Act (MERA) Authorization request memo	Same contents as "Poynter MDNR- Ghavami MDNR - Informational Documents" dated 8/20/1993	VOC contamination detected.	860 56th St, 885 Pullman Rd, and 5582 109th Ave, a business address.
33	ID1	(Redacted) Residents- Crigier MDPH - Water Well Sampling Results and Bottled Water Form	10/6/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1,1-trichloroethane and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	Three locations: 5622 Gilpin, 5594 South Ave, and 5590 South Ave.
34	ID2	Bale Lee Township Hall- Crigier MDPH - 56th Street Water Well Sampling Results	10/18/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1-dichloroethane, 1,1-dichloroethylene, 1,2-cis dichloroethylene, 1,1,1-trichloroethane and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using the well water for drinking or cooking. Bottled water is being provided.	VOC contamination detected.	Well on 56th St.
35	ID3	(Redacted) Resident- Crigier MDPH - 872 56th Street Water Well Sampling Results	11/10/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically dichlorodifluoromethane and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	Well on 872 56th St
36	ID89	(Redacted) Resident- Crigier MDPH - 682 56th Street Water Well Sampling Results	11/10/1993	Michigan DPH	Letter	Informs of contamination with 4 different volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	682 56th St.
37	ID92	Bale Lee Township- Crigier MDPH - 877 56th Street Water Well Sampling Results	11/12/1993	Michigan DPH	Letter	Informs of contamination with 7 different volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water. This is a **TYPE III public water supply facility**.	VOC contamination detected.	877 56thSt (Lee Township Hall and Fire Barn)
39	ID90	(Redacted) Resident- Crigier MDPH - 868 56th Street Water Well Sampling Results	11/24/1993	Michigan DPH	Letter	Informs of contamination with 3 different volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	868 56th St.
40	ID91	(Redacted) Resident- Crigier MDPH - 5586 South Water Well Sampling Results	11/24/1993	Michigan DPH	Letter	Informs of contamination with 3 different volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5586 South Ave

43	ID87	Property Owner- Crigier MDPH - 874 56th Street Water Well Sampling Results	12/13/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	874 56th St
44	ID88	Property Owner- Crigier MDPH - 5625 Gilpin Water Well Sampling Results	12/13/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1,1,-trichloroethane and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5625 Gilpin St.
45	ID85	Laraway Laraway Movers- Crigier MDPH - 109th Avenue Water Well Sampling Results	12/21/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water. This is a **TYPE III public water supply facility**.	VOC contamination detected.	5620 109th Ave (Laraway Movers)
47	ID83	Buchalco Pullman Industries Incorporated- Crigier MDPH - 5576 109th Avenue Water Well Sampling Results	1/18/1994	Michigan DPH	Letter	Informs PII that sampling for VOCs was taken at this site and low levels of methyl tert-butyl ether were detected. These are related to unleaded gasoline. Given that this is a Type II site, further monitoring is necessary and is requested from Pullman Industries. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH).	Unharmful VOC trace detection.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
48	ID82	Blanchard Odd Fellows Hall- Crigier MDPH - 5587 109th Avenue Water Well Sampling Results	4/18/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water. This is a **TYPE III public water supply facility**.	VOC contamination detected.	5587 109th Ave. (OddFellows Hall)
50	ID78	Fire and Environmental Consulting Laboratories Incorporated- 4-21-1994 Soil Sampling Results - K13827-14	5/3/1994	Fire and Environmental Consulting Labs	Analytical lab report	Lab analysis contracted by Gove Associates for soil samples from their Monitoring Wells 1, 2, and 3 at the Pullman Industries site. **The lab detects no VOC contamination at all in any of the three monitoring wells**. Linked to ID73 and ID79.	No soil contamination detected in Gove´s monitoring wells.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
51	ID79	Fire and Environmental Consulting Laboratories Incorporated- 4-25-1994 Groundwater Sampling Results K13827-10	5/3/1994	Fire and Environmental Consulting Labs	Analytical lab report	Lab analysis contracted by Gove Associates for groundwater samples from their Monitoring Wells 1, 2, and 3 at the Pullman Industries site. **The lab detects no VOC contamination at all in any of the three monitoring wells**. Linked to ID73 and ID78.	No groundwater contamination detected in Gove´s monitoring wells.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
53	ID76	(Redacted) Resident- Crigier MDPH - 5568 North Water Well Sampling Results	5/17/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically chloroform, total trihalomethanes, and 1,1,1,-trichloroethane. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5568 North St
54	ID75	(Redacted) Larsen Larsen Hardware- Crigier MDPH - 840 56th Street Water Well Sampling Results	5/23/1994	Michigan DPH	Letter	Testing indicates that some low level of chloroform contaminant has been found in this well, but it´s below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	840 56th St (Larsen Hardware).
60	ID68	(Redacted) Resident- Crigier MDPH - 5589 South Street Water Well Sampling Results	6/29/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1,1-trichloroethane. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their well water for drinking or cooking. Residents are offered to be provided **bottled water "in lieu of monitoring",** given that monitoring is not feasible at this time.	VOC contamination detected.	5589 South St.
61	ID65	(Redacted) Resident- Crigier MDPH - 5574 North Street Water Well Sampling Results	7/21/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5574 North St
62	ID70	VFW 6134- Crigier MDPH - 5632 109th Avenue Water Well Sampling Results	7/28/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically methylene chloride. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water. This is a **TYPE III public water supply facility**.	VOC contamination detected.	5632 109th Ave (VFW 6134)
64	ID60	(Redacted) Resident- Crigier MDPH - 975 55th Street Water Well Sampling Results(1)	8/18/1994	Michigan DPH	Letter	[Same as ID64] Informs of contamination with 9 different types of volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	975 55th St. (Lower Scott Lake).
69	ID57	(Redacted) Stone GTE- Crigier MDPH - 5598 109th Avenue Water Well Sampling Results	8/29/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5598 109th Ave (GTE)
70	ID64	(Redacted) Resident- Crigier MDPH - 975 55th Street Water Well Sampling Results(2)	8/29/1994	Michigan DPH	Letter	[Same as ID60] Informs of contamination with 9 different types of volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	975 55th St. (Lower Scott Lake).

71	ID81	(Redacted) Resident- Crigier MDPH - 5620 Gilpin Water Well Sampling Results	11/4/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5620 Gilpin St.
72	ID55	(Redacted) Resident- Crigier MDPH - 5577 109th Avenue Water Well Sampling Results	2/8/1995	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1,1-trichloroethane, tetrachloroethylene, and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their well water for drinking or cooking. Residents are offered to be provided **bottled water "in lieu of monitoring",** given that monitoring is not feasible at this time.	VOC contamination detected.	5577 109th Ave
73	ID58	Larson Video Shop- Crigier MDPH - 860 56th Street Water Well Sampling Results	2/8/1995	Michigan DPH	Letter	Informs that sampling for VOCs was taken at this water well and low levels of methylene chloride were detected. These represent a low health risk and no action must be taken at this time. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH).	Unharmful VOC trace detection.	860 56th St (Larson Video Shop)
76	ID47	(Redacted) Howard MDNR- Anthony MDPH - MERA Request for Authorization	4/28/1995	Michigan DPH	Michigan Environmental Response Act (MERA) Authorization request memo	The background section confirms known contamination in the Pullman Industries' vicinity (20 wells confirmed, 20 other unconfirmed) with methylene chloride, trichloroethylene, tetrachloroethylene, and 1,1,1-trichloroethane. Also confirms an ongoing investigation "around an Act 307 site", because of which bottled water has been provided for some time and continues to be necessary as the investigation continues. Indicates that the township needs to conduct a feasibilty study to assess the type of alternate water supplies needed, and recommends funding be provided for it through FY95 Quality of Life bond funds. Includes area maps, including a map of Pullman village displaying which land plots/buildings have been contaminated and which are negative. It also includes detailed Volatile Organic Sampling lab test results for over 70 Street Addresses on 109th Ave and 56th St.	Confirms contamination for 20 wells near Pullman Industries and provides detailed lab results for over 70 street addresses in Pullman.	20 known contaminated wells and potentially another 20 in the vicinitiy of 5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
85	ID139	(Redacted) Resident- Crigier MDEQ - 5564 109th Avenue Water Well Sampling Results	6/13/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5564 109th St.
94	ID112	Pullman Hardware Store- Crigier MDEQ - 5614 109th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5614 109th Ave (Pullman Hardware Store).
95	ID113	Pullman Tavern- Crigier MDEQ - 5604 109th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5604 109th Ave (Pullman Tavern).
96	ID114	Total Gas Station- Crigier MDEQ - 5625 109th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5625 109th Ave (Total Gas Station).
97	ID115	US Post Office- Crigier MDEQ - 887 56th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	887 56th St (US Post Office).
98	ID116	(Redacted) Resident- Crigier MDEQ - 914 56th Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	914 56th St.
99	ID117	(Redacted) Residents- Crigier MDEQ - 915 Second Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	915 Second St.
100	ID118	Careys Family Restaurant- Crigier MDEQ - 5627 109th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5627 109th St. (Carey's Family Restaurant).
101	ID119	Pizza Plus- Crigier MDEQ - 5601 109th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5601 109th Ave. (Pizza Plus).
102	ID120	Property Owner- Crigier MDEQ - 874 Pullman Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	874 Pullman Ave.
103	ID121	Property Owner- Crigier MDEQ - 884 56th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	884 56th St.
104	ID122	Pullman Elementary School- Crigier MDEQ - 5580 South Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5580 South St. (Pullman Elementary School).
105	ID123	(Redacted) Resident- Crigier MDEQ - 868 Pullman Road Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	868 Pullman Rd.
106	ID124	(Redacted) Resident- Crigier MDEQ - 869 Pullman Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	869 Pullman Rd.
107	ID125	(Redacted) Resident- Crigier MDEQ - 909 56th Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	909 56th St.
108	ID126	(Redacted) Resident- Crigier MDEQ - 5582 109th Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site. However, advisory to avoid using well water for drinking and cooking remains in place, and bottled water is still being offered.	VOC contamination NOT detected. Advisory to continue using bottled water.	5582 109th St.

109	ID127	(Redacted) Resident- Crigier MDEQ - 852 Pullman Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	852 Pullman Ave.
110	ID128	(Redacted) Resident- Crigier MDEQ - 862 Pullman Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	862 Pullman Ave.
111	ID129	(Redacted) Resident- Crigier MDEQ - 5587 North Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5587 North.
112	ID130	(Redacted) Resident- Crigier MDEQ - 5623 Gilpin Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5623 Gilpin St.
113	ID131	(Redacted) Resident- Crigier MDEQ - 5634 109th Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5634 109th St.
114	ID133	(Redacted) Resident- Crigier MDEQ - 5559 109th Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5559 109th St.
115	ID134	(Redacted) Resident- Crigier MDEQ - 5571 109th Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5571 109th St.
116	ID135	(Redacted) Resident- Crigier MDEQ - 5571 North Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5571 North St.
117	ID95	(Redacted) Resident- Crigier MDEQ - 868 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 2 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	868 56th St.
118	ID96	Hair Harbor- Crigier MDEQ - 890 56th Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of dichlorodiflоromethane contaminant has been found in this well, but it´s below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	890 56th St (Hair Harbor)
120	ID98	Kens Discount- Crigier MDEQ - 886 56th Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of 1,1,1,-trichloroethane contaminant has been found in this well, but it´s below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	886 56th (Ken's Discount).
121	ID99	Odd Fellows- Crigier MDEQ - 5587 109th Avenue Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5587 109th Ave. (OddFellows Hall)
122	ID100	Property Owner- Crigier MDEQ - 5583 North Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5583 North.
123	ID101	Pullman VFW- Crigier MDEQ - 5632 109th Avenue Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically Dichlorobenzene 1,4. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5632 109th Ave (VFW 6134)
124	ID102	(Redacted) Resident- Crigier MDEQ - 842 Pullman Avenue Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with an unidentified volatile hydrocarbon. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	842 Pullman Ave.
125	ID103	(Redacted) Resident- Crigier MDEQ - 874 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	874 56th St.
126	ID104	(Redacted) Residents- Crigier MDEQ - 865 Pullman Avenue Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of methylene chloride contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	865 Pullman Ave.
127	ID105	(Redacted) Residents- Crigier MDEQ - 5590 South Street Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 4 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5590 South St.
128	ID106	(Redacted) Resident- Crigier MDEQ - 851 Pullman Avenue Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of methylene chloride contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	851 Pullman Ave.

129	ID107	(Redacted) Resident- Crigier MDEQ - 882 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 4 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	882 56th St.
130	ID108	(Redacted) Resident- Crigier MDEQ - 885 Pearl Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	885 Pearl St.
131	ID109	(Redacted) Residents- Crigier MDEQ - 5582 South Street Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5582 South St.
132	ID110	(Redacted) Resident- Crigier MDEQ - 872 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	872 56th St.
133	ID186	(Redacted) Residents- Crigier MDEQ - 865 Pullman Avenue Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of methylene chloride contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	865 Pullman Ave.
134	ID187	Hair Harbor- Crigier MDEQ - 890 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of dichlorodifloromethane contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	890 56th (Hair Harbor)
135	ID188	Kens Discount- Crigier MDEQ - 886 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of 1,1,1,- trichloroethane contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	886 56th (Ken's Discount).
136	ID190	Odd Fellows- Crigier MDEQ - 5587 109th Avenue Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5587 109th Ave. (Oddfellows Hall)
137	ID192	Property Owner- Crigier MDEQ - 5583 North Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5583 North.
138	ID193	Pullman VFW- Crigier MDEQ - 5632 109th Avenue Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically dichlorobenzene 1,4. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5632 109th Ave (VFW 6134)
171	ID145	(Redacted) MDEQ Laboratory- 03-01-1991 - 06-26-1996 Volatile Organic Sampling Results	11/5/1996	MI Dept of Environmental Quality	Lab analysis report	Record of water sample testing for volatile organic components between 1991 and 1996 in the Pullman community.	Useful summary of testing 1991-1996.	All of Pullman community
303	ID320	(Redacted) Volatile Organic Sampling Results	1/29/1998	MI Dept of Environmental Quality	Lab analysis report	VOC sampling results from tests conducted in the Pullman vicinity between 1991 and 1997. VOCs are still being detected at several test sites by Oct 1997.	VOCs are still being detected at several test sites by Oct 1997.	All of Pullman community
316	ID305	(Redacted) Resident- Crigier MDEQ - 5594 South Water Well Sampling Results	6/11/1998	MI Dept of Environmental Quality	Letter	Testing conducted on 4/29/1998 indicates that VOCs were not deteced at this property.	VOC contamination NOT detected.	5594 South St.
321	ID295	(Redacted) Resident- Crigier MDEQ - 5620 Gilpin Water Well Sampling Results	1/8/1999	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 4 different volatile hydrocarbons. Groundwater samples from 11/4/1998 were analyzed by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5620 Gilpin St.
379	ID345	(Redacted) Residential Sampling Concentration Results	4/16/2001	MI Dept of Environmental Quality	Lab results report	List of lab results from sampling tests in the Pullman community between 1991 and February 2001. As of this latter date, there are still sites testing positive for VOCs.	As of Feb 2001, there are still sampling sites testing positive for VOCs.	All of Pullman community
414	ID403	6-11-2001 Soil Sampling Results - 0106148	6/11/2001	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of soil samples taken 6/11/2001 at SB01 testing site. Trichloroethylene, 1-1-1-trichloroethane, and tetrachloroethane are detected.	Three contaminants detected in soil samples as of June 2001.	Specific site unclear.
417	ID396	6-12-2001 and 6-13-2001 Water Sampling Results - 0106147	6/12/2001	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of water samples taken 6/12/2001 at GP01 testing site. Only trichloroethylene is detected.	Trichloroethylene detected in water samples as of June 2001.	Specific site unclear.
419	ID477	6-11-2001 Water Sampling Results - 0106084	6/12/2001	MI Dept of Environmental Quality	Lab results report	Lab results from monitoring wells in the Pullman vicinity. The analysis detected several contaminant VOCs in several monitoring wells. Metals testing also conducted (results not clear).	Contaminant VOCs still detected in monitoring wells as of August 2001.	All of Pullman community
422	ID397	6-14-2001 and 6-15-2001 Water Sampling Results - 0106152	6/14/2001	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of water samples taken 6/14/2001 at GP01 testing site. Dichloroethylene, trichloroethylene, and toluene are detected.	Three contaminants detected in water samples as of June 2001.	Specific site unclear.
432	ID471	8-7-2001 - 8-9-2001 Water Sampling Results - 0108119	8/7/2001	MI Dept of Environmental Quality	Lab results report	Lab results from monitoring wells in the Pullman vicinity. The analysis detected several contaminant VOCs in several monitoring wells.	Contaminant VOCs still detected in monitoring wells as of August 2001.	All of Pullman community
452	ID463	TriMatrix Laboratories Incorporated- 11-20-2001 Water Sampling Results - 35826-2	12/6/2001	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of soil and drum samples taken 11/20/2001. No contaminants are detected.	No contaminants detected.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
469	ID447	MDEQ- Pullman Marathon Soil and Groundwater Sampling Results	4/3/2002	MI Dept of Environmental Quality	Internal memo	Informs of a possible MTBE contamination at this address stemming from an old gas station. Includes lab analysis reports.	Does not indicate any linkages to the PII contamination, nor it indicates having impacted other properties.	5634 W 109th Ave

470	ID452	Harding ESE of Michigan Incorporated- 6	4/4/2002	MI Dept of Environmental Quality	Internal memo	Contract change order (draft version) to increase management line item budget allocation.	N/A	All of Pullman community
511	ID507	11-26-2002 Soil Sampling Results - 0211151	11/27/2002	MI Dept of Environmental Quality	Lab results report	Trichloroethylene and tetrachloroethan still present in several of the soil samples in this analysis done for FTCH.	Soil contaminants still present in December 2002.	All of Pullman community
514	ID504	(Redacted) Resident- Williams Allegan County Health Department - 849 Pullman Road Water Well Sampling Results	12/17/2002	Allegan Co. Health Dept.	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Groundwater samples from 10/21/2002 were analyzed by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to avoid using their well water for drinking or cooking. Residents are provided bottled water.	Contamination present in 2002 in this address, which is south of Scott Creek. VOC contamination detected.	849 Pullman Rd.
518	ID495	(Redacted) MDEQ Contamination Investigation Unit- Pullman Road Contamination Sampling Results	Late 2002 (specific date undefined)	MI Dept of Environmental Quality	Lab results report	List of VOC tests conducted in the Pullman community between 2000 and August 2002, per address, in 52 testing locations. In many cases there's 3+ rounds of testing.	Demonstrates that VOC testing was done extensively (at least between 2000 and 2002).	All of Pullman community
522	ID503	Hefferan MDEQ- Lovato MDEQ - Conversation Regarding Existing Contamination and Remediation Options	1/14/2003	MI Dept of Environmental Quality	Email	Discussion related to the refusal to use injection or biuoremediation options.	Discussion related to the refusal to use injection or biuoremediation options.	All of Pullman community
523	ID500	(Redacted) Resident- Williams Allegan County Health Department - 5634 109th Avenue Water Well Sampling Results	1/15/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some level of chloroform, MTBE, and Total trialomethanes contaminants have been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5634 109th Ave.
524	ID501	Resident- Williams Allegan County Health Department - 5575 North Street Water Well Sampling Results	1/15/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some level of MTBE contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5575 North St.
526	ID499	Fishbeck Thompson Carr and Huber Incorporated- Sampling Plan Amendment	2/6/2003	FTC&H	Letter	FTCH proposal to MDEQ to conduct a new round of monitoring wells in a new area south of Scott Creek, to confirm whether contamination at 849 Pullman Rd is related to the plume or not.	New detection of TCE contaminant at 849 Pullman Rd leads to discuss new round of monitoring wells south of Scott Creek.	849 Pullman Ave.
527	ID498	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results (4)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some low level of tetrachloroethylene contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
528	ID580	Larsons Hardware- Williams Allegan County Health Department - 840 56th Street Water Well Sampling Results (2)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	840 56th St. (Larson's Hardware)
529	ID581	Pats Excavating- Williams Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results (2)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
530	ID583	(Redacted) Resident- Williams Allegan County Health Department - 848 56th Street Water Well Sampling Results	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	848 56th Ave.
531	ID584	(Redacted) Resident- Williams Allegan County Health Department - 872 56th Street Water Well Sampling Results (2)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	872 56th Ave.
532	ID585	(Redacted) Resident- Williams Allegan County Health Department - 874 56th Street Water Well Sampling Results (4)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	874 56th Ave.
533	ID586	(Redacted) Resident- Williams Allegan County Health Department - 5515 109th Avenue Water Well Sampling Results	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5515 109th Ave
534	ID588	Baugus Als Total- Williams Allegan County Health Department - 847 56th Street Water Well Sampling Results (2)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	847 56th St.
535	ID589	Northwoods Cafe- Williams Allegan County Health Department - 5627 109th Avenue Water Well Sampling Results (2)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5627 109th Ave
536	ID590	Pullman Post Office- Williams Allegan County Health Department - 887 56th Street Water Well Sampling Results	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	887 56th St (US Post Office).
537	ID591	Als Citgo- Williams Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5588 109th Ave.

538	ID578	GTE- Williams Allegan County Health Department - 5598 109th Avenue Water Well Sampling Results	2/24/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5598 109th Ave (GTE)
539	ID579	Hair Harbor- Williams Allegan County Health Department - PO Box 172 Water Well Sampling Results	2/24/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	890 56th St (Hair Harbor)
540	ID582	Resident- Williams Allegan County Health Department - 5577 109th Avenue Water Well Sampling Results (3)	2/24/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5577 109th Ave.
541	ID587	(Redacted) Resident- Williams Allegan County Health Department - PO Box 167 Water Well Sampling Results	2/24/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	Unclear
542	ID576	(Redacted) Resident- Williams Allegan County Health Department - 909 56th Street Water Well Sampling Results (4)	2/27/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	909 56th St
543	ID573	(Redacted) Resident- Williams Allegan County Health Department - 862 Pullman Road Water Well Sampling Results	3/3/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	862 Pullman Ave.
544	ID574	(Redacted) Resident- Williams Allegan County Health Department - 886 56th Street Water Well Sampling Results	3/3/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	886 56th St.
545	ID575	(Redacted) Resident- Williams Allegan County Health Department - 886 Pullman Road Water Well Sampling Results	3/3/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	886 Pullman Ave.
547	ID577	Christ Gospel Church- Williams Allegan County Health Department - 915 56th Street Water Well Sampling Results	3/15/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some level of 1-1 Dichloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	915 56th St. (Christ Gospel Church).
548	ID567	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results (3)	3/17/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	885 Pearl St.
549	ID570	Lee Township Hall- Williams Allegan County Health Department - 887 56th Street Water Well Sampling Results	3/17/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	877 56thSt (Lee Township Hall and Fire Barn)
553	ID568	(Redacted) Resident- Williams Allegan County Health Department - 5586 South Street Water Well Sampling Results	3/24/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5586 South St.
568	ID546	5-19-2003 and 5-20-2003 Sediment Sampling Results - 30500251	5/19/2003	MI Dept of Environmental Quality	Lab results report	Soil boring samples from across Pullman community sites indicate detection of at least 6 different VOCs.	At least 6 VOCs detected as of May 2003.	All of Pullman community
578	ID618	6-26-2003 and 6-27-2003 Water Sampling Results - 30700006	7/1/2003	MI Dept of Environmental Quality	Lab results report	Lab results from 19 geoprobe tests, monitoring wells in the Pullman vicinity. The analysis detected up to 7 different VOCs in different samples across the community.	Contaminant VOCs still detected in water wells as of July 2003.	All of Pullman community
587	ID621	Hefferan MDEQ- Hinz Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results	8/4/2003	MI Dept of Environmental Quality	Lab results report	Sampling taken at Pullman Tavern's bar sink shows mostly ND and a non-harmful level of tetrachloroethylene.	Detection of non-harmful level of tetrachloroethylene.	5604 109th Ave (Pullman Tavern).
591	ID622	TriMatrix Laboratories Incorporated- 8-6-2003 Air Sampling Results - 36390-1	8/6/2003	MI Dept of Environmental Quality	Lab results report	A sampling analysis of air quality in "Pullman Road" (specific location unclear) was conducted in August 2003 for MDEQ by TriMatrix labs. The analysis does not detect any contaminants in the samples.	Non-Detection of contaminants but unclear where the air samples are traken from, specifically.	All of Pullman community
593	ID626	(Redacted) Summary of Sampling Events (4)	8/14/2003	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2004 (as of 8/14/2003). It´s a total of 57 events at 57 different residential and commercial locations. Most are annual sampling events.	List of 57 sampling test locations in the Pullman community. Results not shown.	All of Pullman community
596	ID620	AAC Trinity Incorporated- 8-20-2003 Air Sampling Results - 03-1858	8/20/2003	AAC Trinity	Lab results report	A sampling analysis of air quality at the PII site was conducted in August 2003 for MDEQ. The analysis detects contamination with Tetrachloroethane, trichloroethene, and others (I think from reading the lab results).	Air at PII site is contaminated with VOCs.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
597	ID623	Cleto- Williams Allegan County Health Department - 5575 North Water Well Sampling Results	8/25/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5575 North St.
598	ID624	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results (3)	8/25/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some low level of tetrachloroethylene contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).

607	ID612	AAC Trinity Incorporated- 9-11-2003 Air Sampling Results - 03-2037	9/11/2003	AAC Trinity	Lab results report	A sampling analysis of air quality at the PII site was conducted in September 2003 for MDEQ. The analysis detects contamination with Tetrachloroethane, trichloroethene, and others (I think from reading the lab results).	Air at PII site is contaminated with VOCs.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
615	ID601	AAC Trinity Incorporated- 10-9-2003 Air Sampling Results - 03-2284(2)	10/9/2003	AAC Trinity	Lab results report	A sampling analysis of air quality at the PII site was conducted in October 2003 for MDEQ. The analysis detects contamination with Tetrachloroethane, trichloroethene, methylene chloride, and others (I think from reading the lab results)	Air at PII site is contaminated with VOCs.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
616	ID606	AAC Trinity Incorporated- 10-9-2003 Air Sampling Results - 03-2284(1)	10/9/2003	AAC Trinity	Lab results report	A sampling analysis of air quality at the PII site was conducted in October 2003 for MDEQ. The analysis detects contamination with Tetrachloroethane, trichloroethene, methylene chloride, and others (I think from reading the lab results). Same report as ID601.	Air at PII site is contaminated with VOCs. Same report as ID601.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
618	ID602	AAC Trinity Incorporated- 10-22-2003 and 10-23-2003 Air Sampling Results - 03-2381	10/23/2003	AAC Trinity	Lab results report	A sampling analysis of air quality at the PII site was conducted in October 2003 for MDEQ. The analysis detects contamination with Tetrachloroethane, trichloroethene, methylene chloride, and others (I think from reading the lab results)	Air at PII site is contaminated with VOCs.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
619	ID599	Trace Analytical Laboratories Incorporated- 8-25-2003 Oil Sampling Results	10/29/2003	Villa Environmental Consultants	Lab results report	Analytical results of contaminants on the concrete areas at the PII site. This report is shared with MDEQ and Bloomingdale Public Schools as part of the process of purchasing the PII site.	The results indicate that the concrete has high contamination with several heavy metals (lead, arsenic, barium, and others)	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
620	ID598	Residential Well Investigation Map	November 2003	FTC&H	Map	Map of the residential and monitoring wells and sampling locations around 849 Pullman Ave.	Map of 849 Pullman Ave sampling and monitoring	849 Pullman Ave.
628	ID681	TriMatrix Laboratories Incorporated- 11-13-2003 Water Sampling Results - 36390-2	12/1/2003	TriMatrix Labs	Lab results report	Lab analysis requested by MDEQ and FTCH. Show chloromethane and acetone in some of the monitoring wells sampled.	As of December 2003, VOCs are still showing in monitoring wells.	All of Pullman community
674	ID712	3-15-2004 and 3-16-2004 Sediment Sampling Results - 40300161	3/17/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows contamination with at least 6 different VOCs. 16 soil samples at the PII site.	Evidence of soil contamination with 6 VOCs as of March 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
678	ID721	3-17-2004 Organic and Sediment Sampling Results - 40300191	3/18/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows contamination with at least 6 different VOCs as well as metals and other hydrocarbon substances. 5 soil samples at the PII site.	Evidence of soil contamination with 6 VOCs, metals, and other contaminants as of March 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
679	ID727	3-17-2004 Sediment Sampling Results - 40300189	3/18/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows sediment contamination with arsenic, cadmium, and lead. 3 soil samples at the PII site.	Evidence of sediment contamination with arsenic, cadmium, and lead as of March 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
680	ID731	3-17-2004 Water Sampling Results - 40300188	3/18/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows water contamination with 3 VOCs. 2 monitoring well samples at the PII site.	Evidence of water contamination with 3 VOCs as of March 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
688	ID722	(Redacted) - Summary of Sampling Events	4/26/2004	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2004 (as of 4/26/2004). It's a total of 63 events at 63 different residential and commercial locations. Most are annual sampling events.	List of 67 sampling test locations in the Pullman community. Results not shown, just list of events.	All of Pullman community
691	ID715	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5575 North Ave.
692	ID716	(Redacted) Resident- Williams Allegan County Health Department - 5584 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5584 North Ave.
693	ID717	(Redacted) Resident- Williams Allegan County Health Department - 5568 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5568 North Ave.
694	ID718	(Redacted) Resident- Williams Allegan County Health Department - 5571 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5571 North Ave.
695	ID719	(Redacted) Resident- Williams Allegan County Health Department - 5574 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5574 North Ave.
696	ID720	(Redacted) Resident- Williams Allegan County Health Department - 5565 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5565 North Ave.
700	ID711	(Redacted) Resident- Williams Allegan County Health Department - 5594 North Street Water Well Sampling Results (2)	5/11/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5594 North Ave.
701	ID713	(Redacted) Resident- Williams Allegan County Health Department - 5587 North Avenue Water Well Sampling Results	5/11/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5587 North Ave.
702	ID736	Resident- Williams Allegan County Health Department - 5588 North Street Water Well Sampling Results	5/11/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5588 North Ave.

709	ID695	(Redacted) Resident- Williams Allegan County Health Department - 868 Pullman Street Water Well Sampling Results	6/3/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	868 Pullman Ave.
710	ID698	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results (2)	6/3/2004	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
712	ID703	Northwoods Restaurant- Williams Allegan County Health Department - 5627 109th Avenue Water Well Sampling Results (2)	6/3/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5627 109th Ave (Northwoods Restaurant).
713	ID704	Verizon- Williams Allegan County Health Department - 5595 109th Avenue Water Well Sampling Results	6/3/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5595 109th Ave (Verizon).
734	ID766	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results (2)	8/31/2004	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	885 Pearl St.
735	ID767	Pats Excavating- Williams Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results	8/31/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
736	ID768	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results	8/31/2004	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
737	ID769	(Redacted) Resident- Williams Allegan County Health Department - 872 56th Street Water Well Sampling Results	8/31/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	872 56th St.
738	ID770	(Redacted) Resident- Williams Allegan County Health Department - 5589 South Street Water Well Sampling Results	8/31/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5589 South St.
769	ID823	1-18-2005 - 1-20-2005 Water Sampling Results - 50100146	1/21/2005	MI Dept of Environmental Quality	Lab results report	Analytical results from 23 monitoring wells (locations unclear). Several wells report contamination with several VOCs.	Monitoring well VOC contamination persists as of January 2005.	All of Pullman community
783	ID827	(Redacted) Resident- Rubitschun MDEQ - 885 Pearl Street Water Well Sampling Results	3/8/2005	MI Dept of Environmental Quality	Letter	Informs of VOC contamination, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their replacement well for drinking or cooking. Residents are offered bottled water.	This is the first case of a notification of contamination of a replacement well, where the resident is advised (again) to receive free bottled water. VOC contamination detected.	885 Pearl St.
808	ID880	Volatile Analysis Sample Report - 50300181	3/28/2005	MI Dept of Environmental Quality	Lab analysis order	Report on VOC sampling.	Unclear what samples are these. Some of them show VOC contamination, some others do not.	Unclear
820	ID794	TriMatrix Laboratories Incorporated- 5-16-2005 and 5-17-2005 Water Sampling Results - 36875-1	6/6/2005	TriMatrix Labs	Lab results report	Analytical results from 11 monitoring wells (locations unclear). Several wells report contamination with several VOCs.	Monitoring well VOC contamination persists as of June 2005.	All of Pullman community
843	ID868	TriMatrix Laboratories Incorporated- 8-29-2005 Solid Waste Sampling Results - 36875-3	9/7/2005	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of solid waste samples taken 8/29/2005 at PII site.	Detects excessive levels of lead, cadmium, and barium.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
845	ID852	Fishbeck Thompson Carr and Huber Incorporated- Groundwater Monitoring Report July 2005	9/26/2005	FTC&H	Report	Quarterly Groundwater monitoring report - July 2005	As many as 7 different VOCs detected in 10 monitoring wells in the Pullman community and near Scott Creek. PCE, TCE, and dis1-2DCE with particular intensity. Groundwater elevation metrics have not changed since the April 2005 report. NOTE: At present, the VOC groundwater exposure for drinking water is limited to the plume pathway. Wells near Scott Creek do not detect dangerous concentrations of VOCs.	All of Pullman community

856	ID850	Fishbeck Thompson Carr and Huber Incorporated- Quarterly Groundwater Monitoring Report April 2005	10/26/2005	FTC&H	Report	Quarterly Groundwater monitoring report - April 2005	As many as 8 different VOCs detected in 10 monitoring wells in the Pullman community and near Scott Creek. PCE and TCE with particular intensity. Groundwater elevation metrics have not changed since the January 2005 report. NOTE: At present, the VOC groundwater exposure for drinking water is limited to the plume pathway. Wells near Scott Creek do not detect dangerous concentrations of VOCs. Also, notice the timeline. This April monitoring report is delivered in October. Another illustration of the slow pace of things.	All of Pullman community
869	ID844	(Redacted) Summary of Sampling Events (3)	12/13/2005	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2006 (as of 12/1432005). It's a total of 72 events at 72 different residential and commercial locations. Most are annual sampling events.	List of 72 sampling test locations in the Pullman community. Results not shown. Demonstrates very active monitoring effort.	All of Pullman community
889	ID933	Summary of Sampling Events	1/13/2006	MI Dept of Environmental Quality	Report	List of sampling events conducted historically at both of Township Hall's wells (potable and non-potable water wells).	The potable well had VOCs and other substances detected in 1996, but none again since 2001. The non-potable well has VOC detects as of 2003.	877 56thSt (Lee Township Hall and Fire Barn)
890	ID910	Pullman Pellets- Williams Allegan County Health Department - 5581 109th Avenue Water Well Sampling Results	1/20/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected. This address was part of the 1997 replacement program.	5581 109th St (Pullman Pellets).
891	ID912	Als Citco- Williams Allegan County Health Department - 5625 109th Avenue Water Well Sampling Results	1/20/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected. This site has been a gas station since at least 1996.	5625 109th Ave (Al's Citgo)
892	ID937	Als Citgo- Williams Allegan County Health Department - Water Sampling Results	1/20/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5625 109th Ave (Al's Citgo)
893	ID938	Pullman Pellets- Williams Allegan County Health Department - Water Sampling Results	1/20/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5581 109th St (Pullman Pellets).
894	ID909	Fishbeck Thompson Carr and Huber Incorporated- 8-29-2005 Storm Sewer Sediment Sampling Results and Waste Profile	1/26/2006	FTC&H	Report	Sediment samples collected at the PII site sewer and piping system are detected for cadmium, barium, and lead (no VOCs or other contaminants detected). Only lead exceeds maximum TCLP contaminant levels. Sediments remain in place until further notice.	Detection of high levels of lead at PII sewer and piping system.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
896	ID898	(Redacted) Resident- Williams Allegan County Health Department - 882 56th Street Water Well Sampling Results (2)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	882 56th St.
897	ID899	(Redacted) Resident- Williams Allegan County Health Department - 874 56th Street Water Well Sampling Results (3)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 56th St.
898	ID900	(Redacted) Resident- Williams Allegan County Health Department - 884 56th Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of trichloroethane contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	884 56th St.
899	ID902	(Redacted) Resident- Williams Allegan County Health Department - 868 56th Street Water Well Sampling Results (3)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 56th St.
900	ID903	(Redacted) Resident- Williams Allegan County Health Department - 5587 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5587 North St.
901	ID904	(Redacted) Resident- Williams Allegan County Health Department - 5594 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 North St.
902	ID906	(Redacted) Resident- Williams Allegan County Health Department - 5568 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5568 North St.

903	ID907	(Redacted) Resident- Williams Allegan County Health Department - 5574 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5574 North St.
904	ID921	Homeowner- Williams Allegan County Health Department - 5588 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 North St.
905	ID922	Larson Hardware- Williams Allegan County Health Department - 840 56th Street Water Well Sampling Results (2)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	840 56th St. (Larson's Hardware)
906	ID923	Post Master Pullman Post Office- Williams Allegan County Health Department - 887 56th Street Water Well Sampling Results (2)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	887 56th St (US Post Office).
907	ID924	Verizon- Williams Allegan County Health Department - 5598 109th Avenue Water Well Sampling Results (2)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5598 109th Ave (Verizon).
908	ID926	(Redacted) Resident- Williams Allegan County Health Department - 909 56th Street Water Well Sampling Results (3)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	909 56th St.
909	ID927	Barnes Hair Saloon- Williams Allegan County Health Department - 890 56th Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of dichlorodifluoromethane contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	890 56th St (Barnes Hair Salon).
910	ID928	Baugus- Williams Allegan County Health Department - 847 56th Street Water Well Sampling Results (2)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	847 56th St.
911	ID929	Homeowner- Williams Allegan County Health Department - 5571 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5571 North St.
912	ID890	(Redacted) Resident- Williams Allegan County Health Department - 5584 North Street Water Well Sampling Results (2)	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5584 North St.
913	ID893	(Redacted) Resident- Williams Allegan County Health Department - 886 Pullman Water Well Sampling Results	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 Pullman Ave.
914	ID894	(Redacted) Resident- Williams Allegan County Health Department - 5583 North Street Water Well Sampling Results	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5583 North St.
915	ID895	(Redacted) Resident- Williams Allegan County Health Department - 880 Pullman Water Well Sampling Results (2)	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	880 Pullman Ave.
916	ID896	(Redacted) Resident- Williams Allegan County Health Department - 5565 North Street Water Well Sampling Results	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5565 North St.
917	ID897	(Redacted) Resident- Williams Allegan County Health Department - 868 Pullman Water Well Sampling Results (2)	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 Pullman Ave.
918	ID925	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67651	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 Pullman Ave.
919	ID931	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67649	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5583 North St.
920	ID932	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67650	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 Pullman Ave.
921	ID934	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67646	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5565 North St.

922	ID935	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67647	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	880 Pullman Ave.
923	ID936	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67648	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5584 North St.
924	ID892	(Redacted) Resident- Williams Allegan County Health Department - 5590 South Water Well Sampling Results	3/7/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5590 South St.
925	ID978	(Redacted) Resident- Williams Allegan County Health Department - 5594 South Water Well Sampling Results	3/7/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 South St.
926	ID981	Resident- Williams Allegan County Health Department - 5587 89 South Water Well Sampling Results	3/7/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of styrene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5587-89 South St.
927	ID982	(Redacted) MDEQ Laboratory- 02-25-2006 Water Sampling Results LA69803	3/7/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 South St.
928	ID983	(Redacted) MDEQ Laboratory- 02-25-2006 Water Sampling Results LA69804	3/7/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5590 South St.
929	ID984	MDEQ Laboratory- 2-25-2006 Water Sampling Results LA69802	3/7/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of styrene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5587-89 South St.
943	ID974	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results(4)	5/15/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
944	ID977	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(7)	5/15/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
945	ID980	(Redacted) MDEQ Laboratory- 05-08-2006 Water Sampling Results LA82914	5/15/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
946	ID985	MDEQ Laboratory- 5-8-2006 Water Sampling Results LA82913	5/15/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
950	ID959	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results	9/26/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue. Styrene was detected but that´s related to shipping containers.	Unharmful VOC trace detection.	885 Pearl St.
951	ID970	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results(5)	9/28/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue. Styrene was detected but that´s related to shipping containers.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
952	ID973	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(8)	9/28/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue. Styrene was detected but that´s related to shipping containers.	Unharmful VOC trace detection.	5575 North St.
954	ID964	Email - Norton MDEQ- Rubitschun MDEQ - Request for Expedited Approval of Additional Funding Request	11/30/2006	MI Dept of Environmental Quality	Email	Request for additional funds ($6,000) to cover the connection of 3 additional wells to the Type III well in Pullman. These three are replacement wells that have recently been contaminated. These funds add to another $6,000 tranche approved in March 2006.	3 of the approx. 30 replacement wells from 1997 have been contaminated and are now being abandoned. These 3 addresses will be connected to the Type III well system.	All of Pullman community
956	ID953	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Street Water Well Sampling Results (2)	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
957	ID955	Northwoods Restaurant- Williams Allegan County Health Department - 5627 109th Avenue Water Well Sampling Results	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected. Styrene was detected but that´s related to shipping containers.	VOC contamination NOT detected.	5627 109th Ave (Northwoods Restaurant).
958	ID957	Preferred Market- Williams Allegan County Health Department - 5615 109th Avenue Water Well Sampling Results	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5615 109th Ave (Preferred Market)
959	ID960	(Redacted) Resident- Williams Allegan County Health Department - 5568 North Water Well Sampling Results (2)	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5568 North St.

960	ID961	(Redacted) Resident- Williams Allegan County Health Department - 5571 North Street Water Well Sampling Results	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5571 North St.
961	ID962	Als Total- Williams Allegan County Health Department - 5625 109th Avenue Water Well Sampling Results (2)	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected. Styrene was detected but that´s related to shipping containers.	VOC contamination NOT detected.	5625 109th Ave (Al's Citgo)
962	ID969	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results(3)	12/14/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
965	ID946	(Redacted) Resident- Williams Allegan County Health Department - 868 56th Street Water Well Sampling Results (2)	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 56th St.
966	ID947	(Redacted) Resident- Williams Allegan County Health Department - 874 56th Street Water Well Sampling Results (2)	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected. Styrene was detected but that´s related to shipping containers.	VOC contamination NOT detected.	874 56th St.
967	ID949	Post Master Pullman Post Office- Williams Allegan County Health Department - 887 56th Street Water Well Sampling Results	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	887 56th St (US Post Office).
968	ID950	Baugus Als Total- Williams Allegan County Health Department - 847 56th Street Water Well Sampling Results	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	847 56th St.
969	ID951	Larson Hardware- Williams Allegan County Health Department - 840 56th Street Water Well Sampling Results	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	840 56th St. (Larson's Hardware)
970	ID952	Lee Township Hall- Williams Allegan County Health Department - 877 56th Street Water Well Sampling Results	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	877 56thSt (Lee Township Hall and Fire Barn)
971	ID942	(Redacted) Resident- Williams Allegan County Health Department - 849 Pullman Water Well Sampling Results	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	849 Pullman Ave.
972	ID943	(Redacted) Resident- Williams Allegan County Health Department - 868 Pullman Water Well Sampling Results	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 Pullman Ave.
973	ID1029	Levicola Auction- Williams Allegan County Health Department - 5581 109th Avenue Water Well Sampling Results	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5581 109th St (Levicola Auction).
974	ID1031	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results(1)	12/27/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	885 Pearl St.
975	ID1033	Pats Excavating- Williams Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results(1)	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
976	ID1035	(Redacted) Resident- Williams Allegan County Health Department - 5580 North Street Water Well Sampling Results	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 North St.
977	ID1036	(Redacted) Resident- Williams Allegan County Health Department - 5584 North Street Water Well Sampling Results	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5584 North St.
978	ID1016	Resident- Williams Allegan County Health Department - 5588 North Water Well Sampling Results	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 North St.
979	ID1019	Studio 109- Williams Allegan County Health Department - 5582 109th Avenue Water Well Sampling Results	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5582 109th Ave (Terra Rcor).

980	ID1020	(Redacted) Resident- Williams Allegan County Health Department - 5574 North Water Well Sampling Results(1)	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5574 North St.
981	ID1021	(Redacted) Resident- Williams Allegan County Health Department - 5587 109th Avenue Water Well Sampling Results	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5587 109th Ave. (OddFellows Hall)
982	ID1023	Cuningham Verizon- Williams Allegan County Health Department - 5598 109th Avenue Water Well Sampling Results	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5598 109th Ave (Verizon).
983	ID1024	(Redacted) Resident- Williams Allegan County Health Department - 5594 North Water Well Sampling Results	1/17/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of trichloroethylene has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5594 North St.
984	ID1025	Barnes Hair Salon- Williams Allegan County Health Department - 890 56th Street Water Well Sampling Results(1)	1/17/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of chloroform and trialomethanes has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	890 56th St (Barnes Hair Salon).
985	ID1026	(Redacted) Resident- Williams Allegan County Health Department - 884 56th Street Water Well Sampling Results(1)	1/17/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of styrene contaminant has been found in this well. Nothing needs to be done but monitoring will continue. Styrene presence is related to shipping containers.	Unharmful VOC trace detection.	884 56th St.
986	ID1028	(Redacted) Resident- Williams Allegan County Health Department - 909 56th Street Water Well Sampling Results (2)	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	909 56th St.
987	ID1032	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results(2)	1/17/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	885 Pearl St.
988	ID1012	(Redacted) Resident- Williams Allegan County Health Department - 5595 North Water Well Sampling Results	1/18/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5595 North St.
989	ID1013	Pullman Elementary- Williams Allegan County Health Department - 5580 South Water Well Sampling Results	1/25/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of m & p-Xylene has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5580 South St. (Pullman Elementary School).
990	ID1014	Resident- Williams Allegan County Health Department - 5577 109th Avenue Water Well Sampling Results (2)	1/25/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of styrene contaminant has been found in this well. Nothing needs to be done but monitoring will continue. Styrene presence is related to shipping containers.	Unharmful VOC trace detection.	5577 109th Ave.
991	ID1015	Lee Township Wells- Williams Allegan County Health Department - 5570 South Water Well Sampling Results	1/25/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	877 56thSt (Lee Township Hall and Fire Barn)
992	ID1007	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(5)	2/6/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
993	ID1010	(Redacted) Resident- Williams Allegan County Health Department - 846 56th Street Water Well Sampling Results	2/6/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	846 56th St.
994	ID1011	(Redacted) Resident- Williams Allegan County Health Department - 949 Pullman Water Well Sampling Results	2/6/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	949 Pullman Ave.
995	ID1009	Church- Williams Allegan County Health Department - 861 56th Street Water Well Sampling Results	4/5/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of chloroform (which may have been from water supply system disinfection) has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	861 56th St.
996	ID1008	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(6)	5/8/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
997	ID1018	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results(2)	5/8/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).

1000	ID1006	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(3)	9/28/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1004	ID1034	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results(3)	10/19/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	885 Pearl St.
1007	ID991	(Redacted) Resident- Williams Allegan County Health Department - 5568 North Water Well Sampling Results	1/11/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5568 North St.
1008	ID998	Als Total- Williams Allegan County Health Department - 5625 109th Avenue Water Well Sampling Results	1/11/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5625 109th Ave (Al's Citgo)
1009	ID999	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(4)	1/11/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1010	ID1030	Pats Excavating- Williams Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results(2)	1/11/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
1011	ID992	Northwoods Cafe- Williams Allegan County Health Department - 5627 109th Avenue Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5627 109th Ave (Northwoods Restaurant).
1012	ID993	Pullman Post Master- Williams Allegan County Health Department - 887 56th Street Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	887 56th St (US Post Office).
1013	ID994	RCOR Terra- Williams Allegan County Health Department - 5582 109th Avenue Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5582 109th Ave (Terra Rcor).
1014	ID995	(Redacted) Resident- Williams Allegan County Health Department - 868 56th Street Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 56th St.
1015	ID996	(Redacted) Resident- Williams Allegan County Health Department - 882 56th Street Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	882 56th St.
1016	ID997	Baugus- Williams Allegan County Health Department - 847 56th Street Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	847 56th St.
1017	ID1022	Barnes Hair Salon- Williams Allegan County Health Department - 890 56th Street Water Well Sampling Results(2)	2/12/2008	Allegan Co. Health Dept.	Letter	Testing indicates that some level of dichlorodifluoromethane and dichloromethane has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	890 56th St (Barnes Hair Salon).
1018	ID1027	(Redacted) Resident- Williams Allegan County Health Department - 884 56th Street Water Well Sampling Results(2)	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	884 56th St.
1019	ID988	(Redacted) Resident- Williams Allegan County Health Department - 5580 North Water Well Sampling Results	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 North St.
1020	ID989	(Redacted) Resident- Williams Allegan County Health Department - 5586 South Water Well Sampling Results (2)	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5586 South St.
1021	ID1017	(Redacted) Resident- Williams Allegan County Health Department - 5574 North Water Well Sampling Results(2)	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5574 North St.
1022	ID1079	(Redacted) Resident- Williams Allegan County Health Department - 909 56th Street Water Well Sampling Results	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	909 56th St.

1023	ID1080	(Redacted) Resident- Williams Allegan County Health Department - 5587 North Water Well Sampling Results	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5587 North St.
1024	ID1084	Pizza Plus- Williams Allegan County Health Department - 5601 109th Avenue Water Well Sampling Results	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5601 109th Ave. (Pizza Plus).
1025	ID1085	Preferred Market- Williams Allegan County Health Department - 5615 109th Avenue Water Well Sampling Results(1)	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5615 109th Ave (Preferred Market)
1026	ID1074	(Redacted) Resident- Williams Allegan County Health Department - 874 56th Street Water Well Sampling Results	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 56th St.
1027	ID1075	Odd Fellows- Williams Allegan County Health Department - 5587 109th Avenue Water Well Sampling Results	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5587 109th Ave. (OddFellows Hall)
1028	ID1076	Pullman Elementary School- Williams Allegan County Health Department - 5580 South Water Well Sampling Results(1)	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 South St. (Pullman Elementary School).
1029	ID1078	Pullman VFW- Williams Allegan County Health Department - 5632 109th Avenue Water Well Sampling Results	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5632 109th Ave (VFW 6134)
1030	ID1081	Cericola- Williams Allegan County Health Department - 5581 109th Avenue Water Well Sampling Results	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5581 109th St (Levicola Auction).
1032	ID1083	Lee Township- Williams Allegan County Health Department - 5560 South Pullman Water Well Sampling Results	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5560 South St.
1033	ID1068	(Redacted) Resident- Williams Allegan County Health Department - 846 56th Street Water Well Sampling Results(1)	7/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	846 56th St.
1034	ID1069	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(1)	7/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1035	ID1070	(Redacted) Summary of Sampling Events (2)	8/6/2008	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2009 (as of 8/6/2008). It´s a total of 57 events at 57 different residential and commercial locations. Most are annual sampling events.	List of 57 sampling test locations in the Pullman community. Results not shown. Demonstrates that extensive testing is still implemented even after the MACTEC project is put on hold.	All of Pullman community
1038	ID1057	(Redacted) Resident- Williams Allegan County Health Department - 880 Pullman Water Well Sampling Results	9/17/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	880 Pullman Ave.
1039	ID1061	(Redacted) Resident- Williams Allegan County Health Department - 874 Pullman Water Well Sampling Results	9/17/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 Pullman Ave.
1040	ID1066	Resident- Williams Allegan County Health Department - 5577 109th Avenue Water Well Sampling Results	9/17/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5577 109th Ave.
1041	ID1072	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(2)	9/17/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1042	ID1062	(Redacted) Resident- Williams Allegan County Health Department - 5571 North Water Well Sampling Results	9/23/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5571 North St.
1043	ID1065	Resident- Williams Allegan County Health Department - 886 56th Street Water Well Sampling Results	9/23/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 56th St.

1046	ID1052	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Street Water Well Sampling Results	12/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1047	ID1058	Larsons Hardware- Williams Allegan County Health Department - 840 56th Street Water Well Sampling Results	12/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	840 56th St. (Larson's Hardware)
1048	ID1059	Scoops Ice Cream- Williams Allegan County Health Department - PO Box 186 Water Well Sampling Results	12/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	Scoops Ice Cream (no address)
1049	ID1060	Verizon- Williams Allegan County Health Department - 5598 109th Avenue Water Well Sampling Results	12/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5598 109th Ave (Verizon).
1050	ID1086	Preferred Market- Williams Allegan County Health Department - 5615 109th Avenue Water Well Sampling Results(2)	12/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5615 109th Ave (Preferred Market)
1051	ID1044	(Redacted) Resident- Williams Allegan County Health Department - 5594 North Avenue Drinking Water Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing indicates that some level of trichloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5594 North St.
1052	ID1050	(Redacted) Resident- Williams Allegan County Health Department - 5583 North Avenue Water Well Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5583 North St.
1053	ID1053	Als Gas and Shop- Williams Allegan County Health Department - PO Box 241 Water Well Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5625 109th Ave (Al's Citgo)
1054	ID1054	Homeowner- Williams Allegan County Health Department - 5584 North Water Well Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5584 North St.
1055	ID1055	Homeowner- Williams Allegan County Health Department - 5588 North Avenue Water Well Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 North St.
1056	ID1056	Pats Excavating- Williams Allegan County Health Department - PO Box 33 Water Well Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
1057	ID1071	(Redacted) Resident- Williams Allegan County Health Department - 846 56th Street Water Well Sampling Results(2)	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	846 56th St.
1058	ID1051	Homeowner- Williams Allegan County Health Department - 5568 North Avenue Water Well Sampling Results	1/13/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5568 North St.
1059	ID1045	(Redacted) Resident- Williams Allegan County Health Department - PO Box 136 Water Well Sampling Results	2/11/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	906 56th St.
1060	ID1048	Pullman Post Office- Williams Allegan County Health Department - 887 56th Street Drinking Water Sampling Results	2/11/2009	Allegan Co. Health Dept.	Letter	Testing indicates that some level of chloroform and trialomethanes has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	887 56th St (US Post Office).
1061	ID1049	Studio 109- Williams Allegan County Health Department - PO Box 157 Water Well Sampling Results	2/11/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5582 109th Ave (Terra Rcor).
1062	ID1077	Pullman Elementary School- Williams Allegan County Health Department - 5580 South Water Well Sampling Results(2)	2/11/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 South St. (Pullman Elementary School).
1063	ID1043	(Redacted) Resident- Williams Allegan County Health Department - 5586 South Water Well Sampling Results	2/13/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5586 South St.

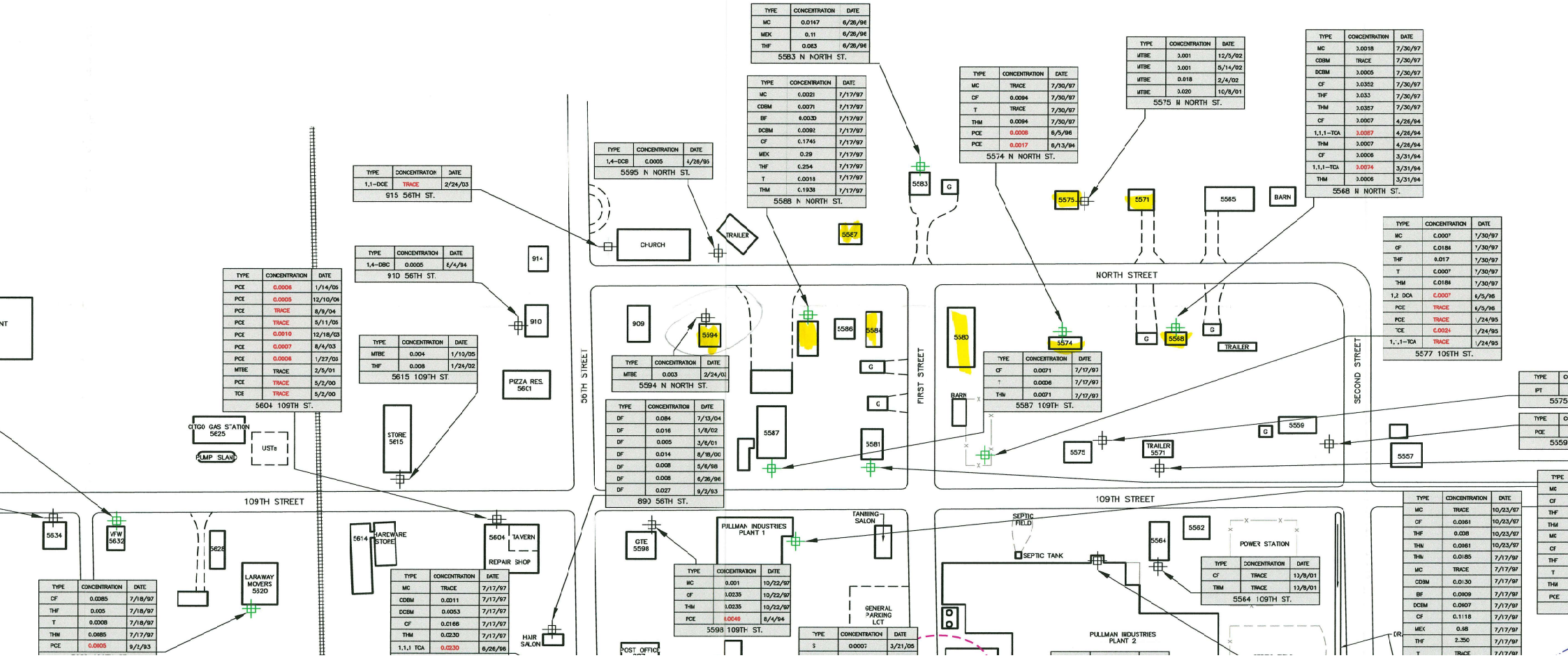
1067	ID1039	Resident- Dentler Allegan County Health Department - 847 56th Street Water Well Sampling Results	9/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	847 56th St.
1068	ID1040	Resident- Dentler Allegan County Health Department - 868 56th Street Water Well Sampling Results	9/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 56th St.
1069	ID1041	Resident- Dentler Allegan County Health Department - 872 56th Street Water Well Sampling Results	9/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	872 56th St.
1070	ID1042	Resident- Dentler Allegan County Health Department - 5577 109th Avenue Water Well Sampling Results	9/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5577 109th Ave.
1071	ID1110	Homeowner- Dentler Allegan County Health Department - 882 56th Street Water Well Sampling Results(1)	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	882 56th St.
1072	ID1112	Homeowner- Dentler Allegan County Health Department - 884 56th Street Water Well Sampling Results(1)	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	884 56th St.
1073	ID1118	Homeowner- Dentler Allegan County Health Department - 5565 North Street Water Well Sampling Results(1)	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5565 North St.
1074	ID1120	Homeowner- Dentler Allegan County Health Department - 5571 North Street Water Well Sampling Results	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5571 North St.
1075	ID1121	Homeowner- Dentler Allegan County Health Department - 5574 North Street Water Well Sampling Results	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5574 North St.
1076	ID1122	Homeowner- Dentler Allegan County Health Department - 5594 South Street Water Well Sampling Results(1)	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 South St.
1077	ID1107	Occupant- Dentler Allegan County Health Department - 880 Pullman Drinking Water Sampling Results	10/15/2009	Allegan Co. Health Dept.	Letter	Testing indicates that some level of trichloroethane has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	880 Pullman Ave.
1078	ID1116	Occupant- Dentler Allegan County Health Department - 874 Pullman Water Well Sampling Results	10/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 Pullman Ave.
1079	ID1117	Occupant- Dentler Allegan County Health Department - 886 Pullman Water Well Sampling Results	10/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 Pullman Ave.
1084	ID1087	(Redacted) Monitoring Well Information	2010	Allegan Co. Health Dept.	List	Cross-check workshseet list of addresses and sampling tests between 1996 and 2010.	GREAT summary checklist of tested residences. Highlights which addresses are "OK to drop" from sampling and for which monitoring needs to be maintained.	All of Pullman community
1086	ID1099	Love Incorporated- Dentler Allegan County Health Department - 943 56th Street Drinking Water Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing indicates that some level of total trihalomethane and chloroform has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection. First detection on record in this address (even if it´s only for traces). Strange that it happens 15+ years after testing started in Pullman.	943 56th St.
1087	ID1100	Northwoods- Dentler Allegan County Health Department - 5627 109th Avenue Water Well Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5627 109th Ave (Northwoods Restaurant).
1088	ID1101	Pizza Plus- Dentler Allegan County Health Department - 5601 109th Avenue Water Well Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5601 109th Ave. (Pizza Plus).
1089	ID1102	Preferred Market- Dentler Allegan County Health Department - 5615 109th Avenue Water Well Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5615 109th Ave (Preferred Market)
1090	ID1103	Pullman Post Office- Dentler Allegan County Health Department - 887 56th Street Water Well Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	887 56th St (US Post Office).

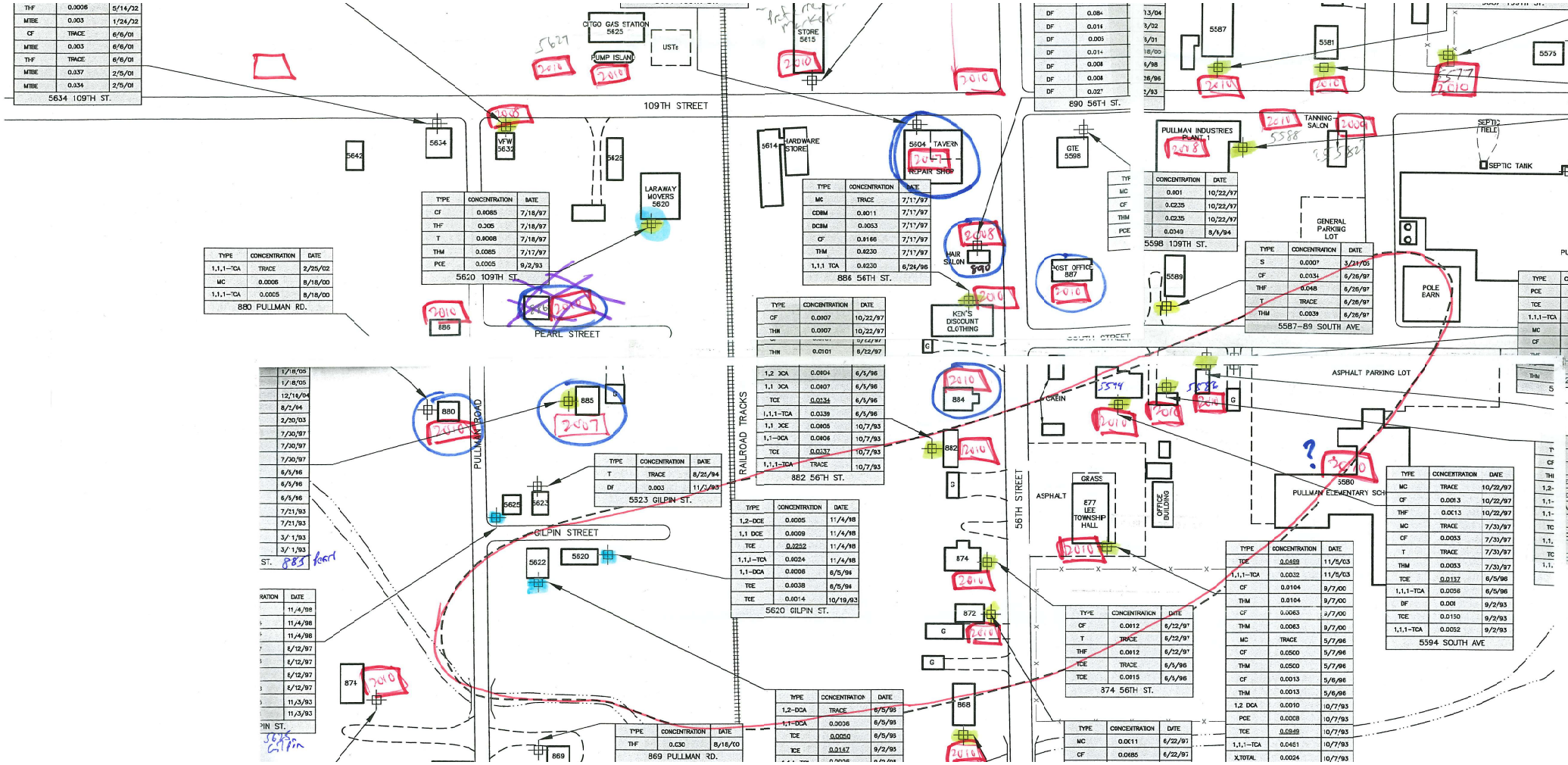
1091	ID1104	Als Total- Dentler Allegan County Health Department - 5625 109th Avenue Water Well Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5625 109th Ave (Al's Citgo)
1093	ID1088	Homeowner- Dentler Allegan County Health Department - 909 56th Street Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing indicates that some level of total trihalomethane, chloroform and tetrahydrofuran has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	909 56th St.
1094	ID1091	Homeowner- Dentler Allegan County Health Department - 874 56th Street Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 56th St.
1095	ID1092	Homeowner- Dentler Allegan County Health Department - 874 Pullman Road Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 Pullman Ave.
1096	ID1093	Homeowner- Dentler Allegan County Health Department - 880 Pullman Road Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	880 Pullman Ave.
1097	ID1094	Homeowner- Dentler Allegan County Health Department - 886 56th Street Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 56th St.
1098	ID1096	Homeowner- Dentler Allegan County Health Department - 847 56th Street Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	847 56th St.
1099	ID1097	Homeowner- Dentler Allegan County Health Department - 868 56th Street Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 56th St.
1100	ID1098	Homeowner- Dentler Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
1101	ID1111	Homeowner- Dentler Allegan County Health Department - 882 56th Street Water Well Sampling Results(2)	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	882 56th St.
1102	ID1113	Homeowner- Dentler Allegan County Health Department - 884 56th Street Water Well Sampling Results(2)	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	884 56th St.
1103	ID1119	Homeowner- Dentler Allegan County Health Department - 5565 North Street Water Well Sampling Results(2)	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5565 North St.
1104	ID1095	Homeowner- Dentler Allegan County Health Department - 886 Pullman Road Water Well Sampling Results	10/12/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 Pullman Ave.
1105	ID1089	Homeowner- Dentler Allegan County Health Department - 5568 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5568 North St.
1106	ID1090	Homeowner- Dentler Allegan County Health Department - 5571 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5571 North St.
1107	ID1124	Homeowner- Dentler Allegan County Health Department - 5588 North Drinking Water Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing indicates that some level of bromodichloromethane, chloroform, m&p-Xylene, o-Xylene, Total trialomethane, and total xylene has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5588 North St.
1108	ID1126	Homeowner- Dentler Allegan County Health Department - 5594 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 North St.
1109	ID1130	Homeowner- Dentler Allegan County Health Department - 5574 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5574 North St.
1110	ID1131	Homeowner- Dentler Allegan County Health Department - 5575 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.

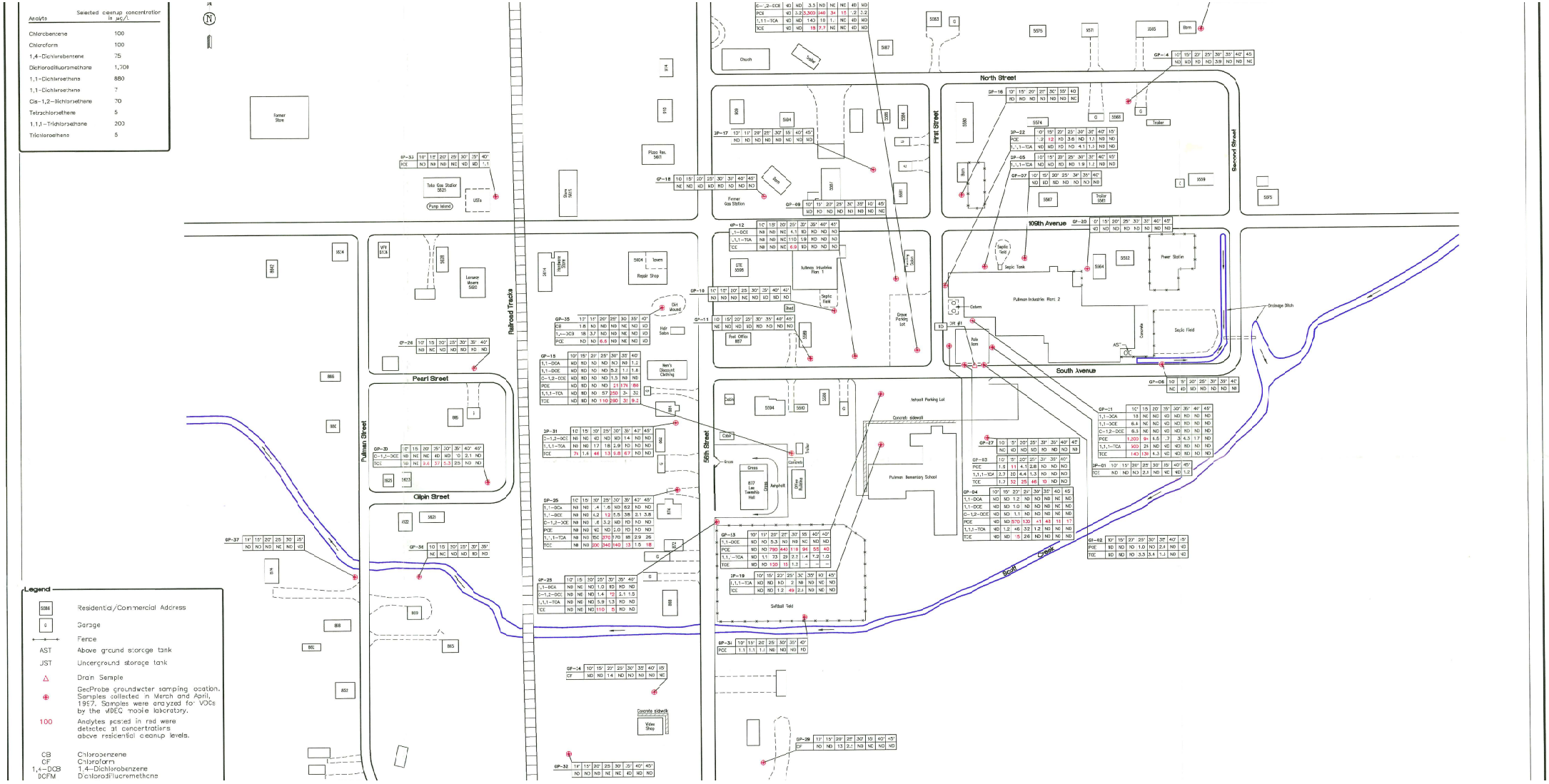
1111	ID1132	Homeowner- Dentler Allegan County Health Department - 5587 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5587 North St.
1112	ID1114	Homeowner- Dentler Allegan County Health Department - 5594 South Street Water Well Sampling Results(2)	10/14/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 South St.
1113	ID1125	Homeowner- Dentler Allegan County Health Department - 5590 South Street Water Well Sampling Results	10/14/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5590 South St.
1114	ID1127	Homeowner- Dentler Allegan County Health Department - 5594 South Street Water Well Sampling Results	10/14/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 South St.
1115	ID1128	Pullman Elementary- Dentler Allegan County Health Department - 5580 South Street Water Well Sampling Results	10/14/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 South St. (Pullman Elementary School).
1116	ID1123	(Redacted) Summary of Sampling Events	10/25/2010	MI Dept of Environmental Quality	Report	58-page report of all sampling events conducted in the Pullman community historically, between 1996 and 2010, listed by address, including testing dates and testing results. This inclues hundreds of tests over the years at 107 locations.	List of hundreds of sampling tests at 107 locations in the Pullman community over the years, includes results.	All of Pullman community
1117	ID1136	Homeowner- Dentler MDEQ - 5580 South Street Water Sampling Results	10/11/2011	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 South St. (Pullman Elementary School).
1118	ID1137	Lee Township Office- Dentler MDEQ - 877 56th Street Water Sampling Results	10/11/2011	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	877 56thSt (Lee Township Hall and Fire Barn)

REPLACEMENT WELL LOCATIONS								
Document number	Document Identifier	Document Name	Date	Institution	Type of document	Summary of contents	Relevance	Location
174	ID148	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5622 Gilpin St.
176	ID150	Terra RCOR- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(2)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5582 109th Ave (Terra Rcor).
177	ID154	Daily Pullman VFW- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5632 109th Ave (VFW 6134)
178	ID158	Terra RCOR- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(1)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5588 North Pullman (Terra Rcor)
179	ID221	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(16)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5574 North.
180	ID222	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(21)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5625 Gilpin St.
181	ID223	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(22)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5568 North St.
182	ID224	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(23)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5594 South St.
183	ID226	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(11)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5577 109th Ave.
184	ID227	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(17)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5590 South St.
185	ID228	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(18)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5581 109th Ave.
186	ID229	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(19)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	886 56th (Ken's Discount).
187	ID230	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(20)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5586 South Ave.
188	ID231	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(6)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	872 56th St.
189	ID232	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(8)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	885 Pullman Ave.
190	ID233	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(10)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	842 Pullman Ave.
191	ID234	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(12)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5587 109th Ave. (Oddfellows Hall)

192	ID235	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(13)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	868 56th St.
193	ID236	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(14)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5620 Gilpin St.
194	ID237	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(15)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	874 56th.
195	ID238	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(7)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	882 56th St.
196	ID239	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(9)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	851 Pullman Ave.
197	ID240	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(1)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5583 North.
198	ID241	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(2)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5598 109th Ave
199	ID242	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(3)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5589 South St.
200	ID243	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(4)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	865 Pullman Ave.
201	ID244	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(5)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	Request to join the well replacement program.	5620 109th Ave.
282	ID331	(Redacted) Resident- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply(6)	11/10/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	860 56th St (Larson Video Shop)
311	ID306	(Redacted) Resident- Crigier MDEQ - Submittal of Replacement Water Supply Documents(6)	5/8/1998	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5574 North.
313	ID310	(Redacted) Resident- Crigier MDEQ - Submittal of Replacement Water Supply Documents(4)	5/8/1998	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5580 North St.
In total, 26 repalcement requests documented. 19 installations documented (three of which do not have a documented request). An MDEQ email indicates that a total of 29 wells were replaced.								


5583 N NORTH ST.
TYPE | CONCENTRATION | DATE
MC | 0.0167 | 6/26/96
MEK | 0.11 | 6/26/96
THF | 0.063 | 6/26/96
5588 N NORTH ST.
TYPE | CONCENTRATION | DATE
MC | 0.0021 | 7/17/97
CDBM | 0.0071 | 7/17/97
BF | 0.003D | 7/17/97
DCBM | 0.0092 | 7/17/97
CF | 0.1745 | 7/17/97
MEK | 0.29 | 7/17/97
THF | 0.254 | 7/17/97
T | 0.0018 | 7/17/97
THM | 0.1938 | 7/17/97
5595 N NORTH ST.
TYPE | CONCENTRATION | DATE
1,4-DCB | 0.0005 | 4/26/95
915 56TH ST.
TYPE | CONCENTRATION | DATE
1,1-DCE | TRACE | 2/24/03
910 56TH ST.
TYPE | CONCENTRATION | DATE
1,4-DBC | 0.0005 | 6/4/94
5604 109TH ST.
TYPE | CONCENTRATION | DATE
PCE | 0.0006 | 1/14/05
PCE | 0.0005 | 12/10/04
PCE | TRACE | 8/9/04
PCE | TRACE | 5/11/05
PCE | 0.0010 | 12/18/03
PCE | 0.0007 | 8/4/03
PCE | 0.0006 | 1/27/03
MTBE | TRACE | 2/5/01
PCE | TRACE | 5/2/00
TCE | TRACE | 5/2/00
5615 109TH ST.
TYPE | CONCENTRATION | DATE
MTBE | 0.004 | 1/10/05
THF | 0.008 | 1/24/02
5594 N NORTH ST.
TYPE | CONCENTRATION | DATE
MTBE | 0.003 | 2/24/03
890 56TH ST.
TYPE | CONCENTRATION | DATE
DF | 0.084 | 7/13/04
DF | 0.016 | 1/8/02
DF | 0.005 | 3/6/01
DF | 0.014 | 8/18/00
DF | 0.008 | 5/6/98
DF | 0.008 | 6/26/96
DF | 0.027 | 9/2/93
5574 N NORTH ST.
TYPE | CONCENTRATION | DATE
MC | TRACE | 7/30/97
CF | 0.0094 | 7/30/97
T | TRACE | 7/30/97
THM | 0.0094 | 7/30/97
PCE | 0.0008 | 6/5/96
PCE | 0.0017 | 6/13/94
5575 N NORTH ST.
TYPE | CONCENTRATION | DATE
MTBE | 0.001 | 12/5/02
MTBE | 0.001 | 5/14/02
MTBE | 0.018 | 2/4/02
MTBE | 0.020 | 10/8/01
5568 N NORTH ST.
TYPE | CONCENTRATION | DATE
MC | 0.0018 | 7/30/97
CDBM | TRACE | 7/30/97
DCBM | 0.0005 | 7/30/97
CF | 0.0352 | 7/30/97
THF | 0.033 | 7/30/97
THM | 0.0357 | 7/30/97
CF | 0.0007 | 4/26/94
1,1,1-TCA | 0.0087 | 4/26/94
THM | 0.0007 | 4/26/94
CF | 0.0006 | 3/31/94
1,1,1-TCA | 0.0074 | 3/31/94
THM | 0.0006 | 3/31/94
5577 109TH ST.
TYPE | CONCENTRATION | DATE
MC | 0.0007 | 7/30/97
CF | 0.0186 | 7/30/97
THF | 0.017 | 7/30/97
T | 0.0007 | 7/30/97
THM | 0.0186 | 7/30/97
1,2 DCA | 0.0007 | 6/5/96
PCE | TRACE | 6/5/96
PCE | TRACE | 1/24/95
TCE | 0.0024 | 1/24/95
1,1,1-TCA | TRACE | 1/24/95
5587 109TH ST.
TYPE | CONCENTRATION | DATE
CF | 0.0071 | 7/17/97
T | 0.0006 | 7/17/97
THM | 0.0071 | 7/17/97
5598 109TH ST.
TYPE | CONCENTRATION | DATE
MC | 0.001 | 10/22/97
CF | 0.0235 | 10/22/97
THM | 0.0235 | 10/22/97
PCE | 0.0049 | 8/4/94
5564 109TH ST.
TYPE | CONCENTRATION | DATE
CF | TRACE | 10/8/01
THM | TRACE | 10/8/01
5632 109TH ST.
TYPE | CONCENTRATION | DATE
CF | 0.0085 | 7/18/97
THF | 0.005 | 7/18/97
T | 0.0008 | 7/18/97
THM | 0.0085 | 7/17/97
PCE | 0.0005 | 9/2/93
5604 TAVERN
TYPE | CONCENTRATION | DATE
MC | TRACE | 7/17/97
CDBM | 0.0011 | 7/17/97
DCBM | 0.0053 | 7/17/97
CF | 0.0166 | 7/17/97
THM | 0.0230 | 7/17/97
1,1,1 TCA | 0.0230 | 6/26/96
TYPE | CONCENTRATION | DATE
S | 0.0007 | 3/21/05
TYPE | CONCENTRATION | DATE
MC | TRACE | 10/23/97
CF | 0.0061 | 10/23/97
THF | 0.008 | 10/23/97
THM | 0.0061 | 10/23/97
THM | 0.0185 | 7/17/97
MC | TRACE | 7/17/97
CDBM | 0.0130 | 7/17/97
BF | 0.0009 | 7/17/97
DCBM | 0.0807 | 7/17/97
CF | 0.1118 | 7/17/97
MEK | 0.88 | 7/17/97
THF | 2.350 | 7/17/97
T | TRACE | 7/17/97
CHURCH
TRAILER
914
910
PIZZA RES. 5601
STORE 5615
CITGO GAS STATION 5625
PUMP SLAND
USTs
56TH STREET
FIRST STREET
SECOND STREET
NORTH STREET
109TH STREET
BARN
TRAILER 5571
5559
5557
5575
5565
5580
5586
5584
5581
5587
5594
5583
5574
5568
5571
5575
5559
5557
5564
5562
5634
VFW 5632
5626
LARAWAY MOVERS 5520
5614 HARDWARE STORE
5604 TAVERN
REPAIR SHOP
HAIR SALON
GTE 5598
POST OFFICE
PULLMAN INDUSTRIES PLANT 1
TANNING SALON
GENERAL PARKING LOT
SEPTIC FIELD
SEPTIC TANK
POWER STATION
PULLMAN INDUSTRIES PLANT 2
DR


109TH STREET
PEARL STREET
GILPIN STREET
56TH STREET
PULLMAN RAILROAD
RAILROAD TRACKS
CITGO GAS STATION 5625
PUMP ISLAND
USTs
STORE 5615
HARDWARE STORE 5614
5604 TAVERN REPAIR SHOP
LARAWAY MOVERS 5620
VFW 5632
5634
5642
5625
GTE 5598
HAIR SALON 5610
KEN'S DISCOUNT CLOTHING
POST OFFICE 887
PULLMAN INDUSTRIES PLANT 1
TANNING SALON
GENERAL PARKING LOT
POLE BARN
SEPTIC (FIELD)
SEPTIC TANK
ASPHALT PARKING LOT
CAFE
GRASS
ASPHALT
877 LEE TOWNSHIP HALL
OFFICE BUILDING
5580 PULLMAN ELEMENTARY SCH
5587
5581
5575
5589
5588
5582
5594
5622
5623
5620
880
885
884
882
874
872
868
869
886
890 56TH ST.
5634 109TH ST.
5620 109TH ST.
886 56TH ST.
880 PULLMAN RD.
5523 GILPIN ST.
5620 GILPIN ST.
882 56TH ST.
869 PULLMAN RD.
374 56TH ST.
5598 109TH ST.
5587-89 SOUTH AVE
5594 SOUTH AVE


Selected cleanup concentration is µg/l
Analyte
Chlorobenzene 100
Chloroform 100
1,4-Dichlorobenzene 75
Dichlorodifluoromethane 1,700
1,1-Dichloroethane 850
1,1-Dichloroethene 7
Cis-1,2-Dichloroethene 70
Tetrachloroethene 5
1,1,1-Trichloroethane 200
Trichloroethene 5
Legend
Residential/Commercial Address
Garage
Fence
AST Above ground storage tank
JST Underground storage tank
Drain Sample
GeoProbe groundwater sampling location. Samples collected in March and April, 1997. Samples were analyzed for VOCs by the MDEQ mobile laboratory.
100 Analytes posted in red were detected at concentrations above residential cleanup levels.
CB Chlorobenzene
CF Chloroform
1,4-DCB 1,4-Dichlorobenzene
DCFM Dichlorodifluoromethane
North Street
First Street
Second Street
109th Avenue
South Avenue
56th Street
Railroad Tracks
Pearl Street
Gilpin Street
Pullman Street
Pullman Industries Plant 1
Pullman Industries Plant 2
Pullman Elementary School
Softball Field
Asphalt Parking Lot
Concrete sidewalk
Septic Field
Septic Tank
Drainage Ditch
Beaver Creek
Former Store
Former Gas Station
Pump Island
Repair Shop
Post Office 887
Auto Repair
Lorraine Movers 5880
Pizza Rex 5861
Trailer 5561
Trailer 5587
Power Station
Ken's Discount Clothing
Church
Cabin
Gazebo
Grass
Asphalt
Concrete
Drive
Other Building
Utility Pole
Fence
Septic Tank
Septic Field
Cistern
Concrete
Drainage Ditch
Grave Parking Lot
Tank
Trailer
Barn
Shed
Garage
Utility Pole
Fence
Concrete
Septic Tank
Septic Field
Cistern
Drainage Ditch
Grass
Asphalt
Concrete
Other Building

Pullman Rd + 109th Ave
Alternate water
Allegan Co.

under R1 or in front - General?

Pullman

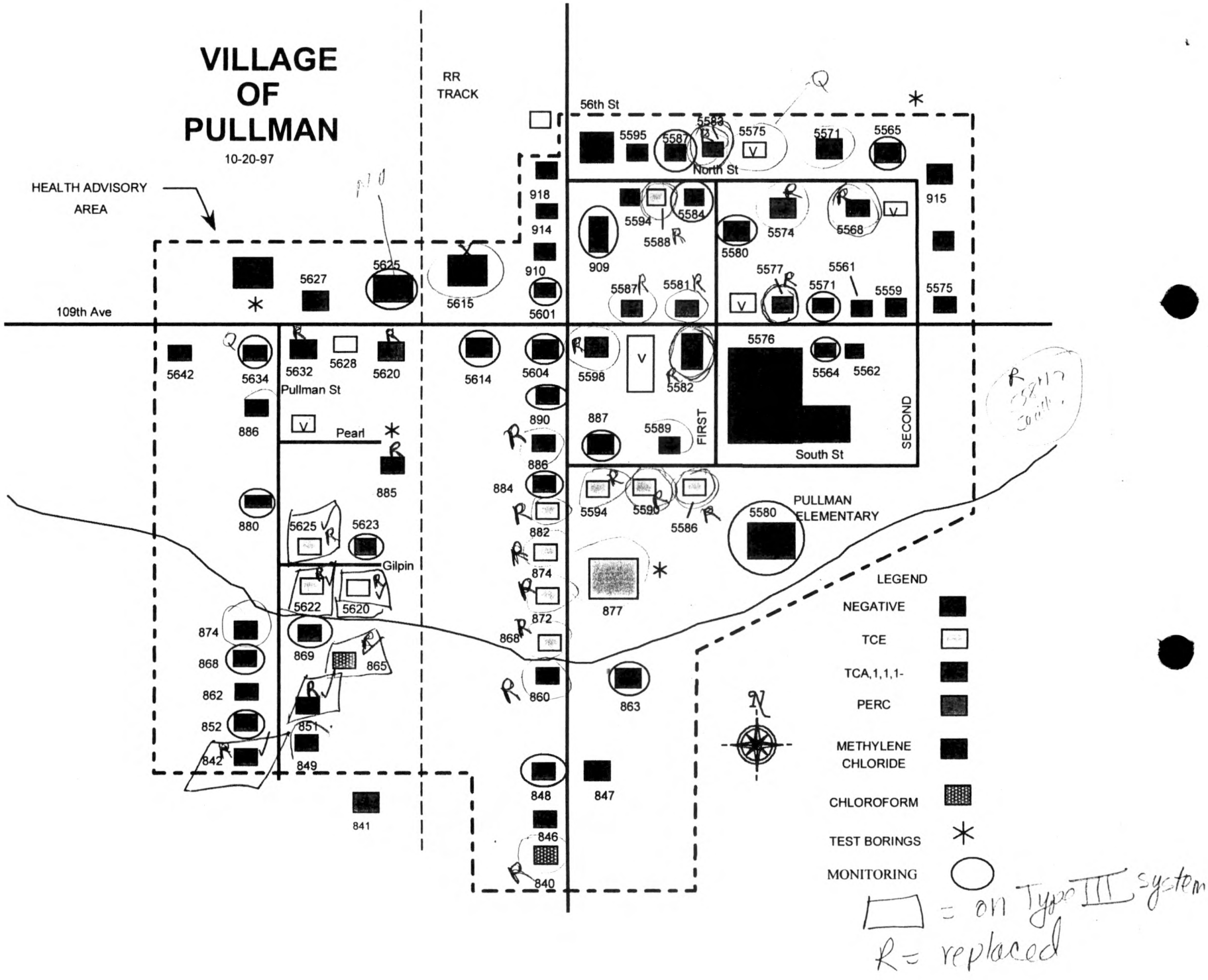
Wells replaced with Type III water system:

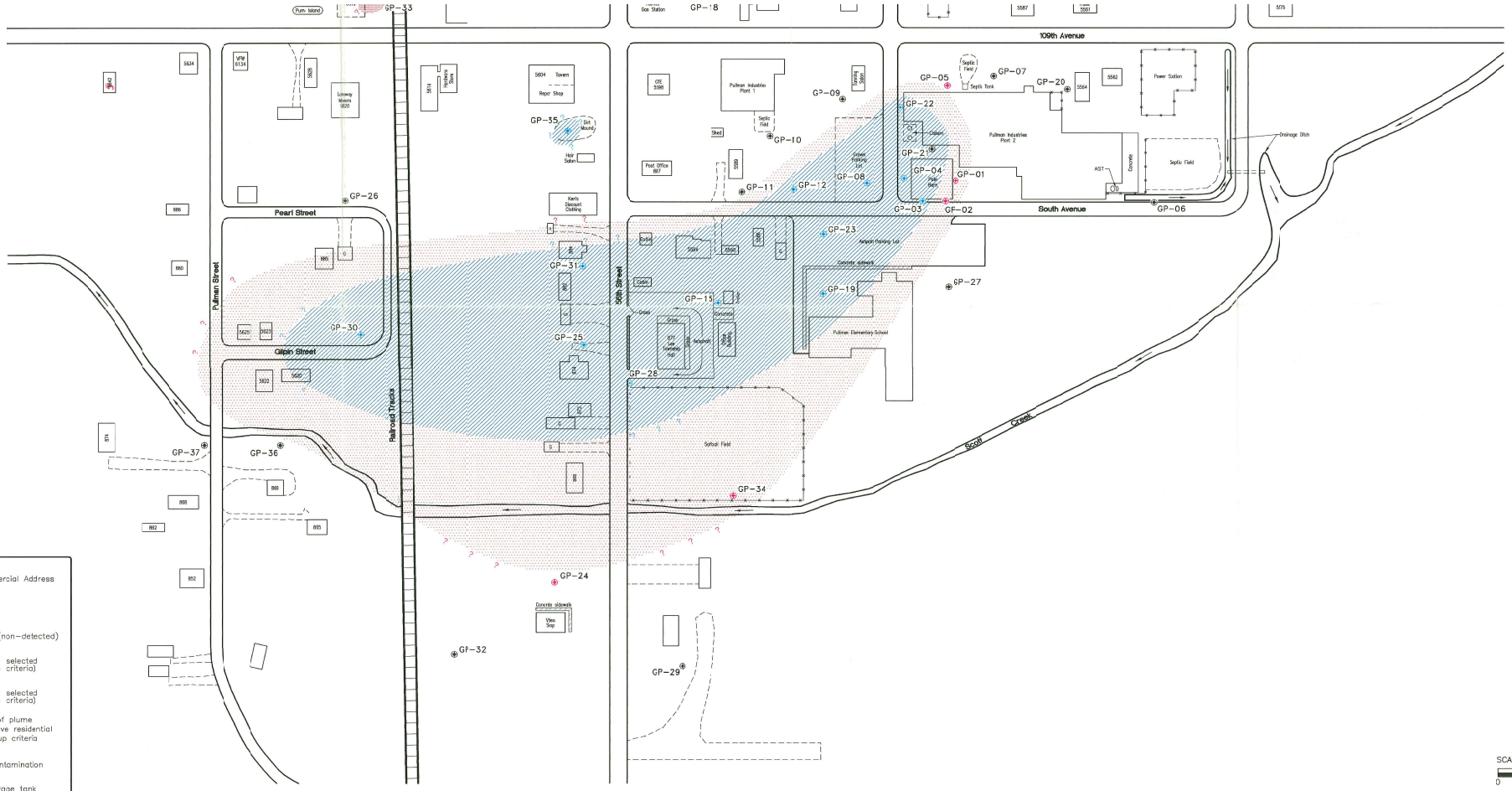
5620	Gilpin
5622	Gilpin
5625	Gilpin
865	Pullman
851	Pullman
842	Pullman

All of these were originally replaced with the 6" well

Wells replaced originally

851	Pullman
5622	Gilpin
842	Pullman
865	Pullman
5598	109th
5583	North
5620	Gilpin
5625	Gilpin
5568	North
5577	109th
5582	109th
5588	North
5590	South
5586	South
885	Pullman
5581	109th
5584	South
5587	109th
5620	109th
5632	109th
840	56th
860	56th
5574	North
868	56th
874	56th
882	56th
886	56th
5594	South
AND	
872	56th


VILLAGE OF PULLMAN
10-20-97
HEALTH ADVISORY AREA
RR TRACK
56th St
North St
109th Ave
Pullman St
Pearl
Gilpin
South St
FIRST
SECOND
PULLMAN ELEMENTARY
LEGEND
NEGATIVE
TCE
TCA,1,1,1-
PERC
METHYLENE CHLORIDE
CHLOROFORM
TEST BORINGS
MONITORING
= on Type III system
R = replaced



Legend

- Residential/Commercial Address
- Garage
- Fence
- GeoProbe boring (non-detected)
- GeoProbe boring (Detected levels > selected residential cleanup criteria)
- GeoProbe boring (Detected levels < selected residential cleanup criteria)
- Estimated extent of plume concentrations above residential groundwater cleanup criteria
- Estimated extent of groundwater contamination
- AST — Above ground storage tank
- UST — Underground storage tank

NOTE

This is not a survey. Roads, building locations, building sizes and other site features are approximate. This map was compiled from a 1978 aerial photograph and from measurements obtained during the March and April 1997 field event.

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PLATE 5
ESTIMATED EXTENT OF CONTAMINATED GROUNDWATER
PULLMAN ROAD AND 109TH AVENUE
PULLMAN, MICHIGAN

ABB Environmental Services, Inc.

M:\CUSTOM\ACAD2002\SYMBOLS\B85X11.DWG

N:\01233A\00601233A.DWG DATE: 7/23/2002 TIME: 12:31:51 PM USER: ACS



ESTIMATED HORIZONTAL EXTENT OF GROUNDWATER CONTAMINATION JULY AND OCTOBER, 2001

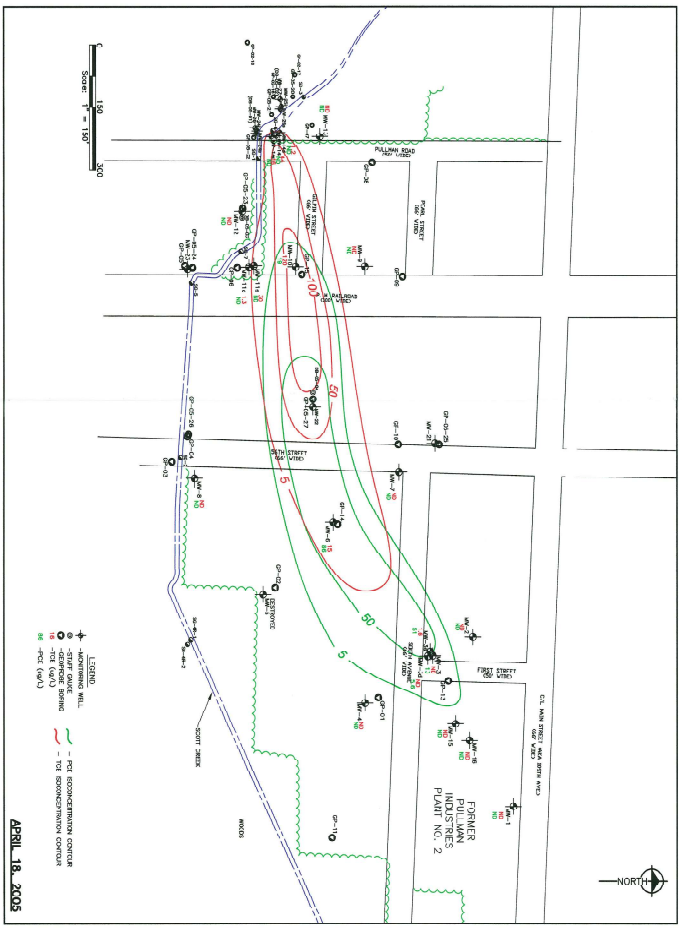
Harding/Pullman Rd., 109th Ave.
Pullman, Michigan

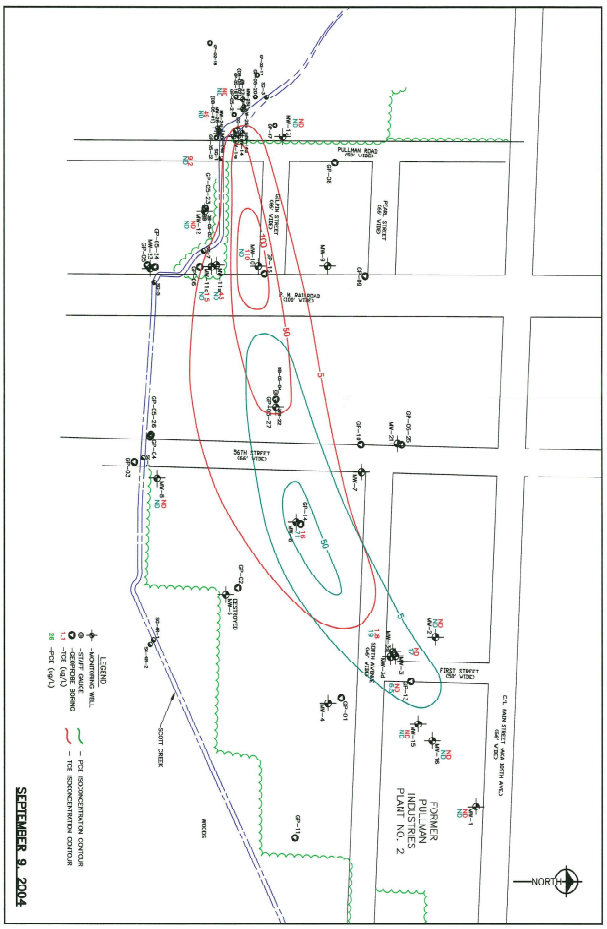
Additional Remedial Investigation
Sampling Plan

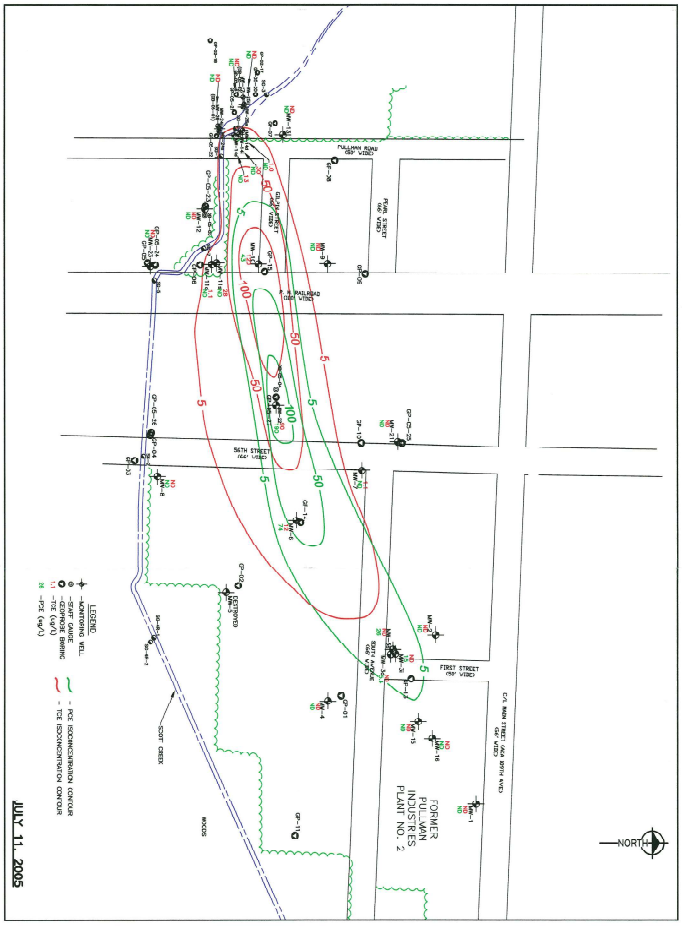
PROJECT NO. G01233A
FIGURE NO.

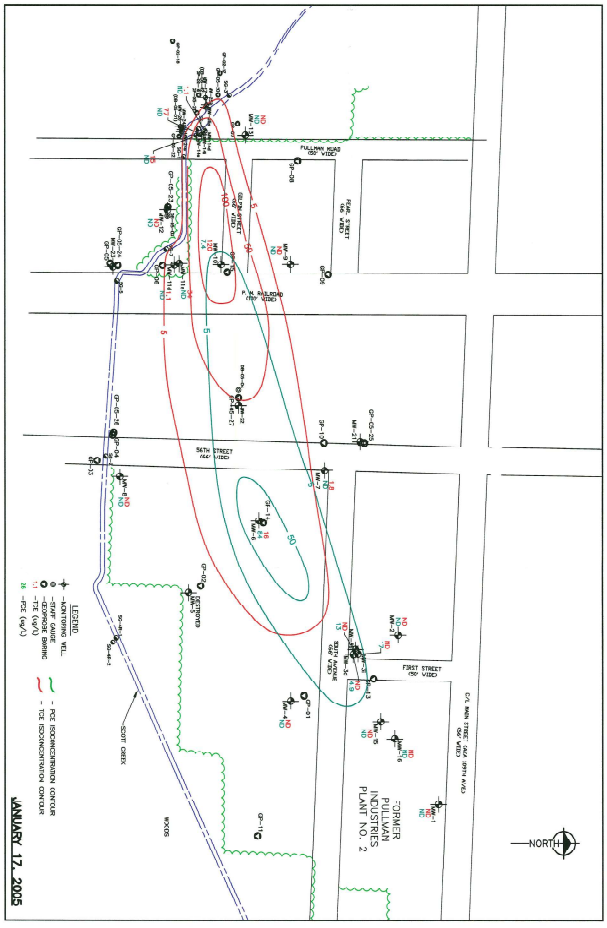
frc&h

Fishbeck, Thompson, Carr & Huber
Engineers • Scientists • Architects
Kalamazoo, Michigan









CCMPOSITE 2004-2005 TIME-SERIES ISOCONCENTRATION MAPS

8

PROJECT NO
G01233F
SHEET NO.

Pullman Road & 109th Street Site

Pullman, Michigan

Remedial Investigation Addendum

FTC&H
Fishbeck, Thompson, Carr & Huber
Engineers ● Scientists ● Architects
Grand Rapids, Michigan (616) 575-3824

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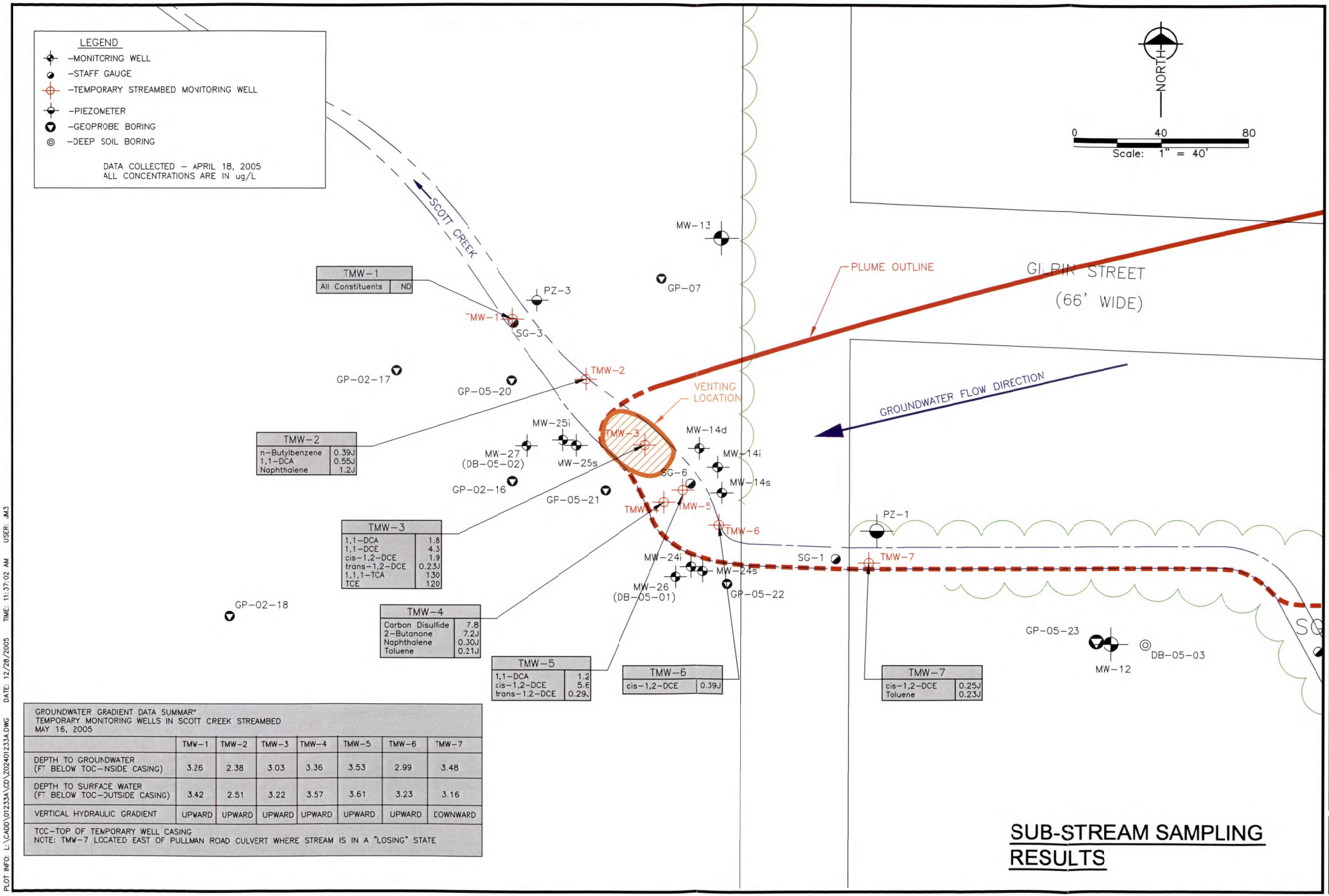
Drafter ACS
Designer ACS
Reviewer SMK
Manager SJM

Hard copy is intended to be 24"x36" when plotted.
Scale(s) indicated and graphic quality may not be accurate for any other size.



GROUNDWATER GRADIENT DATA SUMMARY TEMPORARY MONITORING WELLS IN SCOTT CREEK STREAMBED MAY 16, 2005							
	TMW–1	TMW–2	TMW–3	TMW–4	TMW–5	TMW–6	TMW–7
DEPTH TO GROUNDWATER (FT BELOW TOC–INSIDE CASING)	3.26	2.38	3.03	3.36	3.53	2.99	3.48
DEPTH TO SURFACE WATER (FT BELOW TOC–OUTSIDE CASING)	3.42	2.51	3.22	3.57	3.61	3.23	3.16
VERTICAL HYDRAULIC GRADIENT	UPWARD	UPWARD	UPWARD	UPWARD	UPWARD	UPWARD	DOWNWARD
TOC–TOP OF TEMPORARY WELL CASING NOTE: TMW–7 LOCATED EAST OF PULLMAN ROAD CULVERT WHERE STREAM IS IN A "LOSING" STATE							

SUB-STREAM SAMPLING RESULTS

Fishbeck, Thompson, Carr & Huber
Engineers • Scientists • Architects
Grand Rapids, Michigan (616) 575-3824
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Pullman Road & 109th Avenue Site
Pullman, Michigan
Remedial Investigation
Addendum

PROJECT NO. G01233F
FIGURE NO. 9

PLOT INFO: L:\CADD\01233A\CD\20240123A.DWG DATE: 12/28/2005 TIME: 11:37:02 AM USER: JM3

ALL VOC CONTAMINATION RECORDS						
Location	Year	Collect Date	Analyte	Result	Detect Limit	Detected
5498 109TH PULLMAN 49450	1995	01/31/1995	ALL VOCs	ND		No
5498 109TH PULLMAN 49450	1995	03/25/1995	ALL VOCs	ND		No
5553 NORTH PULLMAN 49450	**1997**	**08/12/1997**	**CHLOROFORM**	**0.0164**	**0.0004**	**Yes**
5553 NORTH PULLMAN 49450	**1997**	**08/12/1997**	**METHYLENE CHLORIDE**	**0.0090**	**0.0006**	**Yes**
5553 NORTH PULLMAN 49450	**1997**	**08/12/1997**	**TOLUENE**	**0.0012**	**0.0005**	**Yes**
5555 109TH PULLMAN 49450		06/	ALL VOCs	ND		No
5559 109TH PULLMAN 49450	1993	10/07/1993	ALL VOCs	ND		No
5559 109TH PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No
5559 109TH PULLMAN 49450	**1996**	**06/05/1996**	**TETRACHLOROETHYLENE**	**0.0007**	**0.0002**	**Yes**
5559 109TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
5562 109TH PULLMAN 49450	1993	11/03/1993	ALL VOCs	ND		No
5562 109TH PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No
5564 109TH PULLMAN 49450	1994	08/04/1994	ALL VOCs	ND		No
5564 109TH PULLMAN 49450	1996	04/24/1996	ALL VOCs	ND		No
5564 109TH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
5564 109TH PULLMAN 49450	2001	10/08/2001	ALL VOCs	ND		No
5564 109TH PULLMAN 49450	**2001**	**10/08/2001**	**CHLOROFORM**	**TRACE**	**0.0004**	**Trace**
5565 NORTH PULLMAN 49450	1994	06/02/1994	ALL VOCs	ND		No
5565 NORTH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
5565 NORTH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
5565 NORTH PULLMAN 49450	2000	08/18/2000	ALL VOCs	ND		No
5565 NORTH PULLMAN 49450	2002	02/18/2002	ALL VOCs	ND		No
5565 NORTH PULLMAN 49450	2004	04/09/2004	ALL VOCs	ND		No
5565 NORTH PULLMAN 49450	2006	02/08/2006	ALL VOCs	ND		No
5565 NORTH PULLMAN 49450	2009	09/16/2009	ALL VOCs	ND		No
5568 NORTH PULLMAN 49450		09/23/2040	ALL VOCs	ND		No
5568 NORTH PULLMAN 49450	**1994**	**03/31/1994**	**CHLOROFORM**	**0.0006**	**0.0002**	**Yes**

5568 NORTH PULLMAN 49450	**1994**	**03/31/1994**	**TRICHLOROETHANE, 1,1,1-**	**0.0074**	**0.0002**	**Yes**
5568 NORTH PULLMAN 49450	**1994**	**04/26/1994**	**CHLOROFORM**	**0.0007**	**0.0002**	**Yes**
5568 NORTH PULLMAN 49450	**1994**	**04/26/1994**	**TRICHLOROETHANE, 1,1,1-**	**0.0087**	**0.0002**	**Yes**
5568 NORTH PULLMAN 49450	**1997**	**07/30/1997**	**CHLORODIBROMOMETHANE**	**TRACE**	**0.0004**	**Trace**
5568 NORTH PULLMAN 49450	**1997**	**07/30/1997**	**CHLOROFORM**	**0.0352**	**0.0004**	**Yes**
5568 NORTH PULLMAN 49450	**1997**	**07/30/1997**	**DICHLOROBROMOMETHANE**	**0.0005**	**0.0004**	**Yes**
5568 NORTH PULLMAN 49450	**1997**	**07/30/1997**	**METHYLENE CHLORIDE**	**0.0018**	**0.0006**	**Yes**
5568 NORTH PULLMAN 49450	**1997**	**07/30/1997**	**TETRAHYDROFURAN**	**0.033**	**0.005**	**Yes**
5568 NORTH PULLMAN 49450	2002	02/18/2002	ALL VOCs	ND		No
5568 NORTH PULLMAN 49450	2004	04/08/2004	ALL VOCs	ND		No
5568 NORTH PULLMAN 49450	2005	03/21/2005	ALL VOCs	ND		No
5568 NORTH PULLMAN 49450	2006	02/01/2006	ALL VOCs	ND		No
5568 NORTH PULLMAN 49450	2006	12/08/2006	ALL VOCs	ND		No
5568 NORTH PULLMAN 49450	2009	01/05/2009	ALL VOCs	ND		No
5569 NORTH PULLMAN 49450	2003	02/24/2003	ALL VOCs	ND		No
5571 109TH PULLMAN 49450	1993	10/07/1993	ALL VOCs	ND		No
5571 109TH PULLMAN 49450	1996	06/05/1996	ALL VOCs	ND		No
5571 109TH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
5571 109TH PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
5571 109TH PULLMAN 49450	**2000**	**04/18/2000**	**CHLOROFORM**	**0.0017**	**0.0004**	**Yes**
5571 109TH PULLMAN 49450	**2001**	**07/27/2001**	**CHLOROFORM**	**0.0017**	**0.0004**	**Yes**
5571 NORTH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
5571 NORTH PULLMAN 49450	2001	10/08/2001	ALL VOCs	ND		No
5571 NORTH PULLMAN 49450	2003	02/24/2003	ALL VOCs	ND		No
5571 NORTH PULLMAN 49450	2004	04/08/2004	ALL VOCs	ND		No
5571 NORTH PULLMAN 49450	2006	02/01/2006	ALL VOCs	ND		No
5571 NORTH PULLMAN 49450	2009	09/16/2009	ALL VOCs	ND		No
5574 NORTH PULLMAN 49450	**1994**	**06/13/1994**	**TETRACHLOROETHYLENE**	**0.0017**	**0.0002**	**Yes**
5574 NORTH PULLMAN 49450	**1996**	**06/05/1996**	**TETRACHLOROETHYLENE**	**0.0006**	**0.0002**	**Yes**
5574 NORTH PULLMAN 49450	**1997**	**07/30/1997**	**CHLOROFORM**	**0.0094**	**0.0004**	**Yes**
5574 NORTH PULLMAN 49450	**1997**	**07/30/1997**	**METHYLENE CHLORIDE**	**TRACE**	**0.0006**	**Trace**

5574 NORTH PULLMAN 49450	**1997**	**07/30/1997**	**TOLUENE**	**TRACE**	**0.0005**	**Trace**
5574 NORTH PULLMAN 49450	**2002**	**05/14/2002**	**TETRAHYDROFURAN**	**0.025**	**0.005**	**Yes**
5574 NORTH PULLMAN 49450	2004	04/08/2004	ALL VOCs	ND		No
5574 NORTH PULLMAN 49450	2006	02/01/2006	ALL VOCs	ND		No
5574 NORTH PULLMAN 49450	2007	01/03/2007	ALL VOCs	ND		No
5574 NORTH PULLMAN 49450	2008	02/11/2008	ALL VOCs	ND		No
5574 NORTH PULLMAN 49450	2009	09/16/2009	ALL VOCs	ND		No
5574 NORTH PULLMAN 49450	2010	09/23/2010	ALL VOCs	ND		No
5575 109TH PULLMAN 49450	1994	08/04/1994	ISOPROPYL TOLUENE, PARA-	ND	0.0005	No
5575 109TH PULLMAN 49450	2005	06/21/2005	ALL VOCs	ND		No
5575 109TH PULLMAN 49450	2006	12/08/2006	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	1997	06/22/1997	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	**2001**	**10/08/2001**	**METHYL TERT-BUTYL ETHER**	**0.020**	**0.001**	**Yes**
5575 NORTH PULLMAN 49450	2002	02/04/2002	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	**2002**	**02/04/2002**	**METHYL TERT-BUTYL ETHER**	**0.018**	**0.001**	**Yes**
5575 NORTH PULLMAN 49450	**2002**	**05/14/2002**	**METHYL TERT-BUTYL ETHER**	**0.001**	**0.001**	**Yes**
5575 NORTH PULLMAN 49450	2002	08/07/2002	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	**2002**	**12/05/2002**	**METHYL TERT-BUTYL ETHER**	**0.001**	**0.001**	**Yes**
5575 NORTH PULLMAN 49450	2003	02/24/2003	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2003	08/04/2003	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2004	04/08/2004	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2004	06/10/2004	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2005	03/21/2005	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2005	09/07/2005	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2005	12/15/2005	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2006	01/23/2006	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2006	05/05/2006	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2007	01/24/2007	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2007	04/13/2007	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2007	09/18/2007	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2008	01/02/2008	ALL VOCs	ND		No

5575 NORTH PULLMAN 49450	2008	06/30/2008	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2008	09/05/2008	ALL VOCs	ND		No
5575 NORTH PULLMAN 49450	2010	09/23/2010	ALL VOCs	ND		No
5576 109TH PULLMAN 49450	1993	10/07/1993	ALL VOCs	ND		No
5576 109TH PULLMAN 49450	1993	11/24/1993	ALL VOCs	ND		No
5576 109TH PULLMAN 49450	1994	06/30/1994	ALL VOCs	ND		No
5576 109TH PULLMAN 49450	**1995**	**01/24/1995**	**TETRACHLOROETHYLENE**	**TRACE**	**0.0002**	**Trace**
5576 109TH PULLMAN 49450	**1995**	**01/24/1995**	**TRICHLOROETHANE, 1,1,1-**	**TRACE**	**0.0002**	**Trace**
5576 109TH PULLMAN 49450	**1995**	**01/24/1995**	**TRICHLOROETHYLENE**	**0.0024**	**0.0002**	**Yes**
5576 109TH PULLMAN 49450	**1996**	**06/05/1996**	**TETRACHLOROETHYLENE**	**TRACE**	**0.0002**	**Trace**
5576 109TH PULLMAN 49450	**1997**	**07/30/1997**	**CHLOROFORM**	**0.0186**	**0.0004**	**Yes**
5576 109TH PULLMAN 49450	**1997**	**07/30/1997**	**METHYLENE CHLORIDE**	**0.0007**	**0.0006**	**Yes**
5576 109TH PULLMAN 49450	**1997**	**07/30/1997**	**TETRAHYDROFURAN**	**0.017**	**0.005**	**Yes**
5576 109TH PULLMAN 49450	2003	02/06/2003	ALL VOCs	ND		No
5576 109TH PULLMAN 49450	2004	06/10/2004	ALL VOCs	ND		No
5576 109TH PULLMAN 49450	2005	01/10/2005	ALL VOCs	ND		No
5576 109TH PULLMAN 49450	**2006**	**01/03/2006**	**STYRENE**	**0.0006**	**0.0005**	**Yes**
5576 109TH PULLMAN 49450	2006	01/09/2006	ALL VOCs	ND		No
5576 109TH PULLMAN 49450	2008	09/05/2008	ALL VOCs	ND		No
5576 109TH PULLMAN 49450	2009	08/17/2009	ALL VOCs	ND		No
5580 NORTH PULLMAN 49450		01/01/1900	ALL VOCs	ND		No
5580 NORTH PULLMAN 49450	1993	03/11/1993	ALL VOCs	ND		No
5580 NORTH PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
5580 NORTH PULLMAN 49450	1995	01/24/1995	ALL VOCs	ND		No
5580 NORTH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
5580 NORTH PULLMAN 49450	2003	02/24/2003	ALL VOCs	ND		No
5580 NORTH PULLMAN 49450	2008	02/11/2008	ALL VOCs	ND		No
5580 SOUTH PULLMAN 49450	1993	10/07/1993	ALL VOCs	ND		No
5580 SOUTH PULLMAN 49450	1995	01/31/1995	ALL VOCs	ND		No
5580 SOUTH PULLMAN 49450	1995	06/14/1995	ALL VOCs	ND		No
5580 SOUTH PULLMAN 49450	1996	06/05/1996	ALL VOCs	ND		No

5580 SOUTH PULLMAN 49450	2002	04/26/2002	ALL VOCs	ND		No
5580 SOUTH PULLMAN 49450	2008	02/26/2008	ALL VOCs	ND		No
5580 SOUTH PULLMAN 49450	2010	09/28/2010	ALL VOCs	ND		No
5581 109TH PULLMAN 49450	1995	01/24/1995	ALL VOCs	ND		No
5581 109TH PULLMAN 49450	**1996**	**06/05/1996**	**TETRACHLOROETHYLENE**	**0.0051**	**0.0002**	**Yes**
5581 109TH PULLMAN 49450	**1997**	**07/17/1997**	**CHLOROFORM**	**0.1212**	**0.0004**	**Yes**
5581 109TH PULLMAN 49450	**1997**	**07/17/1997**	**METHYLENE CHLORIDE**	**0.0012**	**0.0006**	**Yes**
5581 109TH PULLMAN 49450	**1997**	**07/17/1997**	**TETRAHYDROFURAN**	**0.131**	**0.005**	**Yes**
5581 109TH PULLMAN 49450	**1997**	**07/17/1997**	**TOLUENE**	**0.0020**	**0.0005**	**Yes**
5581 109TH PULLMAN 49450	**1997**	**10/23/1997**	**CHLOROFORM**	**0.0110**	**0.0004**	**Yes**
5581 109TH PULLMAN 49450	**1997**	**10/23/1997**	**METHYLENE CHLORIDE**	**0.0010**	**0.0006**	**Yes**
5581 109TH PULLMAN 49450	**1997**	**10/23/1997**	**TETRAHYDROFURAN**	**0.007**	**0.005**	**Yes**
5581 109TH PULLMAN 49450	2002	02/04/2002	ALL VOCs	ND		No
5581 109TH PULLMAN 49450	2004	06/10/2004	ALL VOCs	ND		No
5581 109TH PULLMAN 49450	2005	01/10/2005	ALL VOCs	ND		No
5581 109TH PULLMAN 49450	2006	01/09/2006	ALL VOCs	ND		No
5581 109TH PULLMAN 49450	2006	12/13/2006	ALL VOCs	ND		No
5581 109TH PULLMAN 49450	2008	03/07/2008	ALL VOCs	ND		No
5582 109TH PULLMAN 49450	**1993**	**03/11/1993**	**TRICHLOROETHANE, 1,1,1-**	**0.0009**	**0.0002**	**Yes**
5582 109TH PULLMAN 49450	**1993**	**05/06/1993**	**TRICHLOROETHANE, 1,1,1-**	**0.0006**	**0.0002**	**Yes**
5582 109TH PULLMAN 49450	**1993**	**07/21/1993**	**TRICHLOROETHANE, 1,1,1-**	**0.0007**	**0.0002**	**Yes**
5582 109TH PULLMAN 49450	1996	06/05/1996	ALL VOCs	ND		No
5582 109TH PULLMAN 49450	**1997**	**07/17/1997**	**BROMOFORM**	**0.0009**	**0.0004**	**Yes**
5582 109TH PULLMAN 49450	**1997**	**07/17/1997**	**CHLORODIBROMOMETHANE**	**0.0130**	**0.0004**	**Yes**
5582 109TH PULLMAN 49450	**1997**	**07/17/1997**	**CHLOROFORM**	**0.1118**	**0.0004**	**Yes**
5582 109TH PULLMAN 49450	**1997**	**07/17/1997**	**DICHLOROBROMOMETHANE**	**0.0607**	**0.0004**	**Yes**
5582 109TH PULLMAN 49450	**1997**	**07/17/1997**	**METHYL ETHYL KETONE**	**0.68**	**0.02**	**Yes**
5582 109TH PULLMAN 49450	**1997**	**07/17/1997**	**METHYLENE CHLORIDE**	**TRACE**	**0.0006**	**Trace**
5582 109TH PULLMAN 49450	**1997**	**07/17/1997**	**TETRAHYDROFURAN**	**2.350**	**0.005**	**Yes**
5582 109TH PULLMAN 49450	**1997**	**07/17/1997**	**TOLUENE**	**TRACE**	**0.0005**	**Trace**
5582 109TH PULLMAN 49450	**1997**	**10/23/1997**	**CHLOROFORM**	**0.0061**	**0.0004**	**Yes**

5582 109TH PULLMAN 49450	1997	10/23/1997	METHYLENE CHLORIDE	TRACE	0.0006	Trace
5582 109TH PULLMAN 49450	2001	07/27/2001	ALL VOCs	ND		No
5582 109TH PULLMAN 49450	2008	02/05/2008	ALL VOCs	ND		No
5582 109TH PULLMAN 49450	2009	02/04/2009	ALL VOCs	ND		No
5582 SOUTH PULLMAN 49450		01/01/1900	CHLOROFORM	0.0086	0.0004	Yes
5582 SOUTH PULLMAN 49450		01/01/1900	METHYLENE CHLORIDE	0.0006	0.0006	Yes
5582 SOUTH PULLMAN 49450		01/01/1900	TETRAHYDROFURAN	0.016	0.005	Yes
5582 SOUTH PULLMAN 49450	1996	06/05/1996	TETRACHLOROETHYLENE	0.0124	0.0002	Yes
5582 SOUTH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHANE, 1,1,1-	0.0047	0.0002	Yes
5583 NORTH PULLMAN 49450	1994	06/02/1994	ALL VOCs	ND		No
5583 NORTH PULLMAN 49450	1996	06/26/1996	METHYL ETHYL KETONE	0.11	0.02	Yes
5583 NORTH PULLMAN 49450	1996	06/26/1996	METHYLENE CHLORIDE	0.0147	0.0003	Yes
5583 NORTH PULLMAN 49450	1996	06/26/1996	TETRAHYDROFURAN	0.083	0.005	Yes
5583 NORTH PULLMAN 49450	2003	02/24/2003	ALL VOCs	ND		No
5583 NORTH PULLMAN 49450	2004	08/02/2004	ALL VOCs	ND		No
5583 NORTH PULLMAN 49450	2006	02/08/2006	ALL VOCs	ND		No
5583 NORTH PULLMAN 49450	2009	01/05/2009	ALL VOCs	ND		No
5584 1ST PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No
5584 NORTH PULLMAN 49450	2004	04/09/2004	ALL VOCs	ND		No
5584 NORTH PULLMAN 49450	2006	02/08/2006	ALL VOCs	ND		No
5584 NORTH PULLMAN 49450	2006	12/13/2006	ALL VOCs	ND		No
5584 NORTH PULLMAN 49450	2009	01/05/2009	ALL VOCs	ND		No
5586 SOUTH PULLMAN 49450	1993	10/21/1993	TETRACHLOROETHYLENE	0.0017	0.0002	Yes
5586 SOUTH PULLMAN 49450	1993	10/21/1993	TRICHLOROETHANE, 1,1,1-	0.0067	0.0002	Yes
5586 SOUTH PULLMAN 49450	1993	10/21/1993	TRICHLOROETHYLENE	0.0014	0.0002	Yes
5586 SOUTH PULLMAN 49450	1994	06/02/1994	TRICHLOROETHANE, 1,1,1-	0.0009	0.0002	Yes
5586 SOUTH PULLMAN 49450	1994	07/05/1994	ALL VOCs	ND		No
5586 SOUTH PULLMAN 49450	1997	06/26/1997	CHLOROFORM	0.0034	0.0004	Yes
5586 SOUTH PULLMAN 49450	1997	06/26/1997	TETRAHYDROFURAN	0.048	0.005	Yes
5586 SOUTH PULLMAN 49450	1997	06/26/1997	TOLUENE	TRACE	0.0005	Trace
5586 SOUTH PULLMAN 49450	1997	10/22/1997	CHLOROFORM	0.0025	0.0004	Yes

5586 SOUTH PULLMAN 49450	1997	10/22/1997	METHYLENE CHLORIDE	TRACE	0.0006	Trace
5586 SOUTH PULLMAN 49450	2001	02/05/2001	ALL VOCs	ND		No
5586 SOUTH PULLMAN 49450	2001	07/27/2001	ALL VOCs	ND		No
5586 SOUTH PULLMAN 49450	2002	01/09/2002	ALL VOCs	ND		No
5586 SOUTH PULLMAN 49450	2003	02/27/2003	ALL VOCs	ND		No
5586 SOUTH PULLMAN 49450	2004	08/09/2004	ALL VOCs	ND		No
5586 SOUTH PULLMAN 49450	2005	03/21/2005	STYRENE	0.0007	0.0005	Yes
5586 SOUTH PULLMAN 49450	2008	02/11/2008	ALL VOCs	ND		No
5587 109TH PULLMAN 49450	1994	03/23/1994	TETRACHLOROETHYLENE	0.0005	0.0002	Yes
5587 109TH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.0071	0.0004	Yes
5587 109TH PULLMAN 49450	1997	07/17/1997	TOLUENE	0.0006	0.0005	Yes
5587 109TH PULLMAN 49450	2000	08/18/2000	ALL VOCs	ND		No
5587 109TH PULLMAN 49450	2002	02/12/2002	ALL VOCs	ND		No
5587 109TH PULLMAN 49450	2003	02/06/2003	ALL VOCs	ND		No
5587 109TH PULLMAN 49450	2005	01/10/2005	ALL VOCs	ND		No
5587 109TH PULLMAN 49450	2006	01/09/2006	ALL VOCs	ND		No
5587 109TH PULLMAN 49450	2007	01/03/2007	ALL VOCs	ND		No
5587 109TH PULLMAN 49450	2010	09/08/2010	TETRAHYDROFURAN	0.027	0.005	Yes
5587 NORTH PULLMAN 49450	1995	01/24/1995	ALL VOCs	ND		No
5587 NORTH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
5587 NORTH PULLMAN 49450	1997	06/11/1997	DICHLOROBENZENE, 1,4-	TRACE	0.0004	Trace
5587 NORTH PULLMAN 49450	2000	11/27/2000	ALL VOCs	ND		No
5587 NORTH PULLMAN 49450	2002	02/11/2002	ALL VOCs	ND		No
5587 NORTH PULLMAN 49450	2002	05/14/2002	ALL VOCs	ND		No
5587 NORTH PULLMAN 49450	2003	02/24/2003	ALL VOCs	ND		No
5587 NORTH PULLMAN 49450	2004	04/09/2004	ALL VOCs	ND		No
5587 NORTH PULLMAN 49450	2005	03/21/2005	ALL VOCs	ND		No
5588 109TH PULLMAN 49450	2001	09/04/2001	ALL VOCs	ND		No
5588 109TH PULLMAN 49450	2002	03/11/2002	ALL VOCs	ND		No
5588 109TH PULLMAN 49450	2003	01/27/2003	ALL VOCs	ND		No
5588 109TH PULLMAN 49450	2004	08/09/2004	ALL VOCs	ND		No

5588 109TH PULLMAN 49450	2005	01/10/2005	ALL VOCs	ND		No
5588 109TH PULLMAN 49450	2006	01/09/2006	ALL VOCs	ND		No
5588 109TH PULLMAN 49450	2008	01/02/2008	ALL VOCs	ND		No
5588 109TH PULLMAN 49450	2009	01/05/2009	ALL VOCs	ND		No
5588 109TH PULLMAN 49450	2010	09/23/2010	ALL VOCs	ND		No
5588 NORTH PULLMAN 49450	**1996**	**06/26/1996**	**TETRACHLOROETHYLENE**	**0.0004**	**0.0002**	**Yes**
5588 NORTH PULLMAN 49450	**1997**	**07/17/1997**	**BROMOFORM**	**0.0030**	**0.0004**	**Yes**
5588 NORTH PULLMAN 49450	**1997**	**07/17/1997**	**CHLORODIBROMOMETHANE**	**0.0071**	**0.0004**	**Yes**
5588 NORTH PULLMAN 49450	**1997**	**07/17/1997**	**CHLOROFORM**	**0.1745**	**0.0004**	**Yes**
5588 NORTH PULLMAN 49450	**1997**	**07/17/1997**	**METHYL ETHYL KETONE**	**0.29**	**0.02**	**Yes**
5588 NORTH PULLMAN 49450	**1997**	**07/17/1997**	**METHYLENE CHLORIDE**	**0.0021**	**0.0006**	**Yes**
5588 NORTH PULLMAN 49450	**1997**	**07/17/1997**	**TETRAHYDROFURAN**	**0.254**	**0.005**	**Yes**
5588 NORTH PULLMAN 49450	**1997**	**07/17/1997**	**TOLUENE**	**0.0018**	**0.0005**	**Yes**
5588 NORTH PULLMAN 49450	2002	05/14/2002	ALL VOCs	ND		No
5588 NORTH PULLMAN 49450	2004	04/09/2004	ALL VOCs	ND		No
5588 NORTH PULLMAN 49450	2005	01/24/2005	ALL VOCs	ND		No
5588 NORTH PULLMAN 49450	2007	01/03/2007	ALL VOCs	ND		No
5588 NORTH PULLMAN 49450	2009	01/05/2009	ALL VOCs	ND		No
5588 NORTH PULLMAN 49450	**2010**	**02/23/2010**	**CHLOROFORM**	**0.0016**	**0.0005**	**Yes**
5588 NORTH PULLMAN 49450	**2010**	**02/23/2010**	**DICHLOROBROMOMETHANE**	**0.0010**	**0.0005**	**Yes**
5588 NORTH PULLMAN 49450	**2010**	**02/23/2010**	**XYLENE,ORTHO-**	**TRACE**	**0.0005**	**Trace**
5589 109TH PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No
5590 SOUTH PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROETHANE, 1,1-**	**0.0005**	**0.0005**	**Yes**
5590 SOUTH PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROETHYLENE,1,1-**	**0.0005**	**0.0002**	**Yes**
5590 SOUTH PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROETHYLENE,1,2-CIS**	**0.0004**	**0.0002**	**Yes**
5590 SOUTH PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHANE, 1,1,1-**	**0.0008**	**0.0002**	**Yes**
5590 SOUTH PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHANE, 1,1,1-**	**0.0134**	**0.0002**	**Yes**
5590 SOUTH PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHYLENE**	**TRACE**	**0.0002**	**Trace**
5590 SOUTH PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHYLENE**	**0.0038**	**0.00015**	**Yes**
5590 SOUTH PULLMAN 49450	**1997**	**07/17/1997**	**CHLOROFORM**	**0.0067**	**0.0004**	**Yes**
5590 SOUTH PULLMAN 49450	2001	02/05/2001	ALL VOCs	ND		No

5590 SOUTH PULLMAN 49450	2004	07/20/2004	ALL VOCs	ND		No
5590 SOUTH PULLMAN 49450	2006	02/22/2006	ALL VOCs	ND		No
5594 NORTH PULLMAN 49450	1993	03/11/1993	ALL VOCs	ND		No
5594 NORTH PULLMAN 49450	**2003**	**02/24/2003**	**METHYL TERT-BUTYL ETHER**	**0.003**	**0.001**	**Yes**
5594 NORTH PULLMAN 49450	2004	04/09/2004	ALL VOCs	ND		No
5594 NORTH PULLMAN 49450	2005	03/15/2005	ALL VOCs	ND		No
5594 NORTH PULLMAN 49450	**2006**	**02/02/2006**	**TETRAHYDROFURAN**	**TRACE**	**0.005**	**Trace**
5594 NORTH PULLMAN 49450	**2007**	**01/08/2007**	**TRICHLOROETHYLENE**	**0.0025**	**0.0005**	**Yes**
5594 NORTH PULLMAN 49450	**2009**	**01/05/2009**	**TRICHLOROETHYLENE**	**0.0005**	**0.0005**	**Yes**
5594 SOUTH PULLMAN 49450	**1993**	**09/02/1993**	**DICHLORODIFLUOROMETHANE**	**0.001**	**0.001**	**Yes**
5594 SOUTH PULLMAN 49450	**1993**	**09/02/1993**	**TRICHLOROETHANE,1,1,1-**	**0.0052**	**0.0002**	**Yes**
5594 SOUTH PULLMAN 49450	**1993**	**09/02/1993**	**TRICHLOROETHYLENE**	**0.0150**	**0.00015**	**Yes**
5594 SOUTH PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHANE, 1,1,1-**	**0.0036**	**0.0002**	**Yes**
5594 SOUTH PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHYLENE**	**0.0137**	**0.0002**	**Yes**
5594 SOUTH PULLMAN 49450	**1997**	**07/30/1997**	**CHLOROFORM**	**0.0033**	**0.0004**	**Yes**
5594 SOUTH PULLMAN 49450	**1997**	**07/30/1997**	**METHYLENE CHLORIDE**	**TRACE**	**0.0006**	**Trace**
5594 SOUTH PULLMAN 49450	1998	04/29/1998	ALL VOCs	ND		No
5594 SOUTH PULLMAN 49450	**1998**	**04/29/1998**	**CHLOROFORM**	**0.0013**	**0.0004**	**Yes**
5594 SOUTH PULLMAN 49450	**1998**	**04/29/1998**	**METHYLENE CHLORIDE**	**TRACE**	**0.0006**	**Trace**
5594 SOUTH PULLMAN 49450	2002	02/18/2002	ALL VOCs	ND		No
5594 SOUTH PULLMAN 49450	2006	02/22/2006	ALL VOCs	ND		No
5594 SOUTH PULLMAN 49450	2010	09/28/2010	ALL VOCs	ND		No
5595 109TH PULLMAN 49450	2004	05/11/2004	ALL VOCs	ND		No
5595 NORTH PULLMAN 49450	**1995**	**04/26/1995**	**DICHLOROBENZENE, 1,4-**	**0.0005**	**0.0002**	**Yes**
5595 NORTH PULLMAN 49450	2003	02/24/2003	ALL VOCs	ND		No
5598 109TH PULLMAN 49450	**1994**	**08/04/1994**	**TETRACHLOROETHYLENE**	**0.0049**	**0.0002**	**Yes**
5598 109TH PULLMAN 49450	**1997**	**10/22/1997**	**CHLOROFORM**	**0.0235**	**0.0004**	**Yes**
5598 109TH PULLMAN 49450	**1997**	**10/22/1997**	**METHYLENE CHLORIDE**	**0.001**	**0.0006**	**Yes**
5598 109TH PULLMAN 49450	2002	05/14/2002	ALL VOCs	ND		No
5598 109TH PULLMAN 49450	2003	02/06/2003	ALL VOCs	ND		No
5598 109TH PULLMAN 49450	2005	03/15/2005	ALL VOCs	ND		No

5598 109TH PULLMAN 49450	2006	01/31/2006	ALL VOCs	ND		No
5598 109TH PULLMAN 49450	2007	01/03/2007	ALL VOCs	ND		No
5601 109TH PULLMAN 49450	1993	03/11/1993	ALL VOCs	ND		No
5601 109TH PULLMAN 49450	1994	08/04/1994	ALL VOCs	ND		No
5601 109TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
5601 109TH PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
5601 109TH PULLMAN 49450	2000	04/24/2000	ALL VOCs	ND		No
5601 109TH PULLMAN 49450	2001	02/05/2001	ALL VOCs	ND		No
5601 109TH PULLMAN 49450	2003	02/06/2003	ALL VOCs	ND		No
5601 109TH PULLMAN 49450	2008	02/11/2008	ALL VOCs	ND		No
5604 109TH PULLMAN 49450		01/01/1900	ALL VOCs	ND		No
5604 109TH PULLMAN 49450	1993	10/21/1993	ALL VOCs	ND		No
5604 109TH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
5604 109TH PULLMAN 49450	**2000**	**10/21/2000**	**TETRACHLOROETHYLENE**	**TRACE**	**0.0004**	**Trace**
5604 109TH PULLMAN 49450	**2000**	**10/21/2000**	**TRICHLOROETHYLENE**	**TRACE**	**0.0004**	**Trace**
5604 109TH PULLMAN 49450	**2001**	**02/05/2001**	**METHYL TERT-BUTYL ETHER**	**TRACE**	**0.001**	**Trace**
5604 109TH PULLMAN 49450	2002	01/24/2002	ALL VOCs	ND		No
5604 109TH PULLMAN 49450	**2003**	**01/27/2003**	**TETRACHLOROETHYLENE**	**0.0006**	**0.0004**	**Yes**
5604 109TH PULLMAN 49450	**2003**	**08/04/2003**	**TETRACHLOROETHYLENE**	**0.0007**	**0.0005**	**Yes**
5604 109TH PULLMAN 49450	**2003**	**12/18/2003**	**TETRACHLOROETHYLENE**	**0.0010**	**0.0005**	**Yes**
5604 109TH PULLMAN 49450	**2004**	**05/11/2004**	**TETRACHLOROETHYLENE**	**TRACE**	**0.0005**	**Trace**
5604 109TH PULLMAN 49450	**2004**	**08/09/2004**	**TETRACHLOROETHYLENE**	**TRACE**	**0.0005**	**Trace**
5604 109TH PULLMAN 49450	**2004**	**12/10/2004**	**TETRACHLOROETHYLENE**	**0.0005**	**0.0005**	**Yes**
5604 109TH PULLMAN 49450	2005	05/11/2005	ALL VOCs	ND		No
5604 109TH PULLMAN 49450	**2005**	**05/11/2005**	**TETRACHLOROETHYLENE**	**0.0006**	**0.0005**	**Yes**
5604 109TH PULLMAN 49450	2005	09/07/2005	ALL VOCs	ND		No
5604 109TH PULLMAN 49450	**2006**	**05/05/2006**	**TETRACHLOROETHYLENE**	**0.0007**	**0.0005**	**Yes**
5604 109TH PULLMAN 49450	**2006**	**12/06/2006**	**STYRENE**	**0.0015**	**0.0005**	**Yes**
5604 109TH PULLMAN 49450	**2006**	**12/06/2006**	**TETRACHLOROETHYLENE**	**0.0012**	**0.0005**	**Yes**
5604 109TH PULLMAN 49450	**2007**	**01/08/2007**	**TETRACHLOROETHYLENE**	**0.0007**	**0.0005**	**Yes**
5604 109TH PULLMAN 49450	**2007**	**04/13/2007**	**TETRACHLOROETHYLENE**	**0.0005**	**0.0005**	**Yes**

5614 109TH PULLMAN 49450		01/01/1900	ALL VOCs	ND		No
5614 109TH PULLMAN 49450	1993	09/02/1993	ALL VOCs	ND		No
5614 109TH PULLMAN 49450	1994	08/04/1994	ALL VOCs	ND		No
5614 109TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
5614 109TH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
5614 109TH PULLMAN 49450	2001	01/10/2001	ALL VOCs	ND		No
5615 109TH PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
5615 109TH PULLMAN 49450	**1998**	**05/06/1998**	**TETRAHYDROFURAN**	**0.012**	**0.005**	**Yes**
5615 109TH PULLMAN 49450	2000	05/02/2000	ALL VOCs	ND		No
5615 109TH PULLMAN 49450	2001	02/05/2001	ALL VOCs	ND		No
5615 109TH PULLMAN 49450	2003	01/27/2003	ALL VOCs	ND		No
5615 109TH PULLMAN 49450	**2003**	**01/27/2003**	**TETRAHYDROFURAN**	**0.008**	**0.005**	**Yes**
5615 109TH PULLMAN 49450	2004	06/10/2004	ALL VOCs	ND		No
5615 109TH PULLMAN 49450	**2005**	**01/10/2005**	**METHYL TERT-BUTYL ETHER**	**0.004**	**0.001**	**Yes**
5615 109TH PULLMAN 49450	2006	01/23/2006	ALL VOCs	ND		No
5615 109TH PULLMAN 49450	2008	02/11/2008	ALL VOCs	ND		No
5615 109TH PULLMAN 49450	2008	12/10/2008	ALL VOCs	ND		No
5620 109TH PULLMAN 49450	**1993**	**09/02/1993**	**TETRACHLOROETHYLENE**	**0.0005**	**0.00015**	**Yes**
5620 109TH PULLMAN 49450	**1993**	**11/03/1993**	**TETRACHLOROETHYLENE**	**0.0009**	**0.0002**	**Yes**
5620 109TH PULLMAN 49450	**1997**	**07/17/1997**	**CHLOROFORM**	**0.0085**	**0.0004**	**Yes**
5620 109TH PULLMAN 49450	**1997**	**07/17/1997**	**TETRAHYDROFURAN**	**0.005**	**0.005**	**Yes**
5620 109TH PULLMAN 49450	**1997**	**07/17/1997**	**TOLUENE**	**0.0008**	**0.0005**	**Yes**
5620 GILPIN PULLMAN 49450	**1993**	**10/19/1993**	**TRICHLOROETHYLENE**	**0.0014**	**0.0002**	**Yes**
5620 GILPIN PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROETHANE, 1,1-**	**0.0006**	**0.0005**	**Yes**
5620 GILPIN PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHYLENE**	**0.0038**	**0.0002**	**Yes**
5620 GILPIN PULLMAN 49450	**1998**	**11/04/1998**	**TRICHLOROETHANE, 1,1,1-**	**0.0024**	**0.0004**	**Yes**
5620 GILPIN PULLMAN 49450	**1998**	**11/04/1998**	**TRICHLOROETHYLENE**	**0.0252**	**0.0004**	**Yes**
5622 GILPIN PULLMAN 49450	**1993**	**09/02/1993**	**TRICHLOROETHANE, 1,1,1-**	**0.0006**	**0.0002**	**Yes**
5622 GILPIN PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROETHANE, 1, 1-**	**0.0006**	**0.0005**	**Yes**
5622 GILPIN PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROETHYLENE,1,2-CIS**	**TRACE**	**0.0002**	**Trace**
5622 GILPIN PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHYLENE**	**0.0050**	**0.0002**	**Yes**

5623 109TH PULLMAN 49450	2000	08/18/2000	ALL VOCs	ND		No
5623 GILPIN PULLMAN 49450	**1993**	**11/03/1993**	**DICHLORODIFLUOROMETHANE**	**0.003**	**0.001**	**Yes**
5623 GILPIN PULLMAN 49450	1993	12/17/1993	ALL VOCs	ND		No
5623 GILPIN PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
5623 GILPIN PULLMAN 49450	1996	06/05/1996	ALL VOCs	ND		No
5623 GILPIN PULLMAN 49450	2001	07/27/2001	ALL VOCs	ND		No
5625 109TH PULLMAN 49450		01/01/1900	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	1993	09/02/1993	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	2000	07/25/2000	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	2001	01/10/2001	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	2002	01/24/2002	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	2003	01/27/2003	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	2006	01/09/2006	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	**2006**	**12/06/2006**	**STYRENE**	**0.0024**	**0.0005**	**Yes**
5625 109TH PULLMAN 49450	2008	01/02/2008	ALL VOCs	ND		No
5625 109TH PULLMAN 49450	2009	01/05/2009	ALL VOCs	ND		No
5625 GILPIN PULLMAN 49450	**1993**	**11/03/1993**	**TRICHLOROETHANE, 1,1,1-**	**0.0021**	**0.0002**	**Yes**
5625 GILPIN PULLMAN 49450	**1993**	**11/03/1993**	**TRICHLOROETHYLENE**	**0.0045**	**0.0002**	**Yes**
5625 GILPIN PULLMAN 49450	**1997**	**08/12/1997**	**CHLOROFORM**	**0.0178**	**0.0004**	**Yes**
5625 GILPIN PULLMAN 49450	**1997**	**08/12/1997**	**METHYLENE CHLORIDE**	**0.0007**	**0.0006**	**Yes**
5625 GILPIN PULLMAN 49450	**1997**	**08/12/1997**	**TOLUENE**	**TRACE**	**0.0005**	**Trace**
5625 GILPIN PULLMAN 49450	**1998**	**11/04/1998**	**METHYLENE CHLORIDE**	**TRACE**	**0.0006**	**Trace**
5625 GILPIN PULLMAN 49450	2003	02/06/2003	ALL VOCs	ND		No
5625 GILPIN PULLMAN 49450	**2003**	**02/06/2003**	**CHLOROFORM**	**0.0015**	**0.0004**	**Yes**
5627 109TH PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
5627 109TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
5627 109TH PULLMAN 49450	2003	01/27/2003	ALL VOCs	ND		No

5627 109TH PULLMAN 49450	2004	05/11/2004	ALL VOCs	ND		No
5627 109TH PULLMAN 49450	2006	01/09/2006	ALL VOCs	ND		No
5627 109TH PULLMAN 49450	**2008**	**02/05/2008**	**STYRENE**	**0.0012**	**0.0005**	**Yes**
5632 109TH PULLMAN 49450	**1994**	**03/23/1994**	**METHYLENE CHLORIDE**	**0.0014**	**0.0003**	**Yes**
5632 109TH PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROBENZENE, 1,4-**	**TRACE**	**0.0002**	**Trace**
5632 109TH PULLMAN 49450	**1996**	**06/05/1996**	**METHYLENE CHLORIDE**	**0.0008**	**0.0003**	**Yes**
5632 109TH PULLMAN 49450	**1997**	**07/17/1997**	**CHLOROFORM**	**0.0363**	**0.0004**	**Yes**
5632 109TH PULLMAN 49450	**1997**	**07/17/1997**	**METHYLENE CHLORIDE**	**0.0006**	**0.0006**	**Yes**
5632 109TH PULLMAN 49450	**1997**	**07/17/1997**	**TETRAHYDROFURAN**	**0.038**	**0.005**	**Yes**
5632 109TH PULLMAN 49450	2008	02/27/2008	ALL VOCs	ND		No
5634 109TH PULLMAN 49450	1993	09/02/1993	ALL VOCs	ND		No
5634 109TH PULLMAN 49450	1995	01/24/1995	ALL VOCs	ND		No
5634 109TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
5634 109TH PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
5634 109TH PULLMAN 49450	2000	05/11/2000	ALL VOCs	ND		No
5634 109TH PULLMAN 49450	**2001**	**01/10/2001**	**METHYL TERT-BUTYL ETHER**	**0.034**	**0.001**	**Yes**
5634 109TH PULLMAN 49450	**2001**	**02/05/2001**	**METHYL TERT-BUTYL ETHER**	**0.037**	**0.001**	**Yes**
5634 109TH PULLMAN 49450	**2001**	**06/06/2001**	**CHLOROFORM**	**TRACE**	**0.0004**	**Trace**
5634 109TH PULLMAN 49450	**2001**	**06/06/2001**	**METHYL TERT-BUTYL ETHER**	**0.003**	**0.001**	**Yes**
5634 109TH PULLMAN 49450	**2002**	**01/24/2002**	**METHYL TERT-BUTYL ETHER**	**0.003**	**0.001**	**Yes**
5634 109TH PULLMAN 49450	**2002**	**05/14/2002**	**CHLOROFORM**	**0.0006**	**0.0004**	**Yes**
5634 109TH PULLMAN 49450	**2002**	**05/14/2002**	**METHYL TERT-BUTYL ETHER**	**0.002**	**0.001**	**Yes**
5634 109TH PULLMAN 49450	**2002**	**08/07/2002**	**CHLOROFORM**	**TRACE**	**0.0004**	**Trace**
5634 109TH PULLMAN 49450	**2002**	**08/07/2002**	**METHYL TERT-BUTYL ETHER**	**0.001**	**0.001**	**Yes**
5634 109TH PULLMAN 49450	**2002**	**12/05/2002**	**CHLOROFORM**	**TRACE**	**0.0004**	**Trace**
5634 109TH PULLMAN 49450	**2002**	**12/05/2002**	**METHYL TERT-BUTYL ETHER**	**0.048**	**0.001**	**Yes**
5634 109TH PULLMAN 49450	**2003**	**02/24/2003**	**CHLOROFORM**	**TRACE**	**0.0004**	**Trace**
5634 109TH PULLMAN 49450	**2003**	**02/24/2003**	**METHYL TERT-BUTYL ETHER**	**0.065**	**0.001**	**Yes**
5642 109TH PULLMAN 49450	1993	11/03/1993	ALL VOCs	ND		No
730 58TH PULLMAN 49450	1997	07/08/1997	ALL VOCs	ND		No
816 567H PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No

840 56TH PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
840 56TH PULLMAN 49450	**1994**	**03/23/1994**	**CHLOROFORM**	**0.0012**	**0.0002**	**Yes**
840 56TH PULLMAN 49450	**1994**	**04/18/1994**	**CHLOROFORM**	**0.0013**	**0.0002**	**Yes**
840 56TH PULLMAN 49450	**1995**	**01/24/1995**	**CHLOROFORM**	**TRACE**	**0.0002**	**Trace**
840 56TH PULLMAN 49450	1997	07/17/1997	ALL VOCs	ND		No
840 56TH PULLMAN 49450	**1997**	**07/17/1997**	**CHLOROFORM**	**0.0171**	**0.0004**	**Yes**
840 56TH PULLMAN 49450	**1997**	**07/17/1997**	**METHYLENE CHLORIDE**	**0.0006**	**0.0006**	**Yes**
840 56TH PULLMAN 49450	**1997**	**07/17/1997**	**TOLUENE**	**0.0023**	**0.0005**	**Yes**
840 56TH PULLMAN 49450	2002	01/09/2002	ALL VOCs	ND		No
840 56TH PULLMAN 49450	2003	01/27/2003	ALL VOCs	ND		No
840 56TH PULLMAN 49450	2005	01/10/2005	ALL VOCs	ND		No
840 56TH PULLMAN 49450	2006	01/31/2006	ALL VOCs	ND		No
840 56TH PULLMAN 49450	2006	12/11/2006	ALL VOCs	ND		No
842 PULLMAN PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
842 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**CHLOROFORM**	**0.0264**	**0.0004**	**Yes**
842 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**DICHLOROBROMOMETHANE**	**0.0005**	**0.0004**	**Yes**
842 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**METHYLENE CHLORIDE**	**TRACE**	**0.0006**	**Trace**
846 56TH PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
846 56TH PULLMAN 49450	1995	01/24/1995	ALL VOCs	ND		No
847 56TH PULLMAN 49450	1993	03/11/1993	ALL VOCs	ND		No
847 56TH PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No
847 56TH PULLMAN 49450	**1997**	**06/11/1997**	**METHYL TERT-BUTYL ETHER**	**0.013**	**0.001**	**Yes**
847 56TH PULLMAN 49450	2004	07/13/2004	ALL VOCs	ND		No
847 56TH PULLMAN 49450	**2004**	**07/13/2004**	**CHLOROFORM**	**0.0005**	**0.0005**	**Yes**
847 56TH PULLMAN 49450	**2005**	**01/18/2005**	**CHLOROFORM**	**TRACE**	**0.0005**	**Trace**
847 56TH PULLMAN 49450	2006	12/11/2006	ALL VOCs	ND		No
847 56TH PULLMAN 49450	2009	08/17/2009	ALL VOCs	ND		No
847 56TH PULLMAN 49450	2010	09/20/2010	ALL VOCs	ND		No
848 56TH PULLMAN 49450	1993	03/11/1993	ALL VOCs	ND		No
848 56TH PULLMAN 49450	**1997**	**06/11/1997**	**BENZENE**	**TRACE**	**0.0005**	**Trace**
849 PULLMAN PULLMAN 49450	1997	06/24/1997	ALL VOCs	ND		No

849 PULLMAN PULLMAN 49450	**1999**	**07/27/1999**	**NAPHTHALENE**	**0.003**	**0.001**	**Yes**
849 PULLMAN PULLMAN 49450	**2002**	**10/21/2002**	**CHLOROFORM**	**0.0005**	**0.0004**	**Yes**
849 PULLMAN PULLMAN 49450	**2002**	**10/21/2002**	**TRICHLOROETHYLENE**	**0.0128**	**0.0004**	**Yes**
849 PULLMAN PULLMAN 49450	**2003**	**12/18/2003**	**TRICHLOROETHYLENE**	**0.0008**	**0.0005**	**Yes**
849 PULLMAN PULLMAN 49450	**2004**	**05/13/2004**	**TRICHLOROETHYLENE**	**0.0034**	**0.0005**	**Yes**
849 PULLMAN PULLMAN 49450	2006	12/13/2006	ALL VOCs	ND		No
849 PULLMAN PULLMAN 49450	2007	01/24/2007	ALL VOCs	ND		No
851 PULLMAN PULLMAN 49450	**1996**	**06/26/1996**	**METHYLENE CHLORIDE**	**TRACE**	**0.0003**	**Trace**
851 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**CHLOROFORM**	**0.0632**	**0.0004**	**Yes**
851 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**METHYLENE CHLORIDE**	**0.0021**	**0.0006**	**Yes**
851 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**TETRAHYDROFURAN**	**0.050**	**0.005**	**Yes**
851 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**TOLUENE**	**0.0007**	**0.0005**	**Yes**
852 PULLMAN PULLMAN 49450	1993	10/07/1993	ALL VOCs	ND		No
852 PULLMAN PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
852 PULLMAN PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
852 PULLMAN PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
852 PULLMAN PULLMAN 49450	2000	08/18/2000	ALL VOCs	ND		No
860 56TH PULLMAN 49450	1993	03/11/1993	ALL VOCs	ND		No
860 56TH PULLMAN 49450	**1995**	**01/24/1995**	**METHYLENE CHLORIDE**	**0.0010**	**0.0003**	**Yes**
860 56TH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
860 56TH PULLMAN 49450	**1997**	**07/17/1997**	**CHLOROFORM**	**0.0145**	**0.0004**	**Yes**
860 56TH PULLMAN 49450	**1997**	**07/17/1997**	**TETRAHYDROFURAN**	**0.011**	**0.005**	**Yes**
860 56TH PULLMAN 49450	**1997**	**07/17/1997**	**TOLUENE**	**0.0013**	**0.0005**	**Yes**
860 56TH PULLMAN 49450	2005	01/10/2005	ALL VOCs	ND		No
862 PULLMAN PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
862 PULLMAN PULLMAN 49450	1997	06/18/1997	ALL VOCs	ND		No
865 PULLMAN PULLMAN 49450	1993	11/08/1993	ALL VOCs	ND		No
865 PULLMAN PULLMAN 49450	**1996**	**06/26/1996**	**METHYLENE CHLORIDE**	**0.0013**	**0.0003**	**Yes**
865 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**CARBON TETRACHLORIDE**	**0.0004**	**0.0004**	**Yes**
865 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**CHLORODIBROMOMETHANE**	**0.0007**	**0.0004**	**Yes**
865 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**DICHLOROBROMOMETHANE**	**0.0028**	**0.0004**	**Yes**

865 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**METHYLENE CHLORIDE**	**0.0083**	**0.0006**	**Yes**
865 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**TETRAHYDROFURAN**	**0.028**	**0.005**	**Yes**
865 PULLMAN PULLMAN 49450	**1997**	**08/12/1997**	**TOLUENE**	**0.0015**	**0.0005**	**Yes**
868 56TH PULLMAN 49450	**1993**	**10/15/1993**	**DICHLOROETHANE, 1,1-**	**0.0008**	**0.0005**	**Yes**
868 56TH PULLMAN 49450	**1993**	**10/15/1993**	**DICHLOROETHYLENE,1,2-CIS**	**0.0075**	**0.0002**	**Yes**
868 56TH PULLMAN 49450	**1993**	**10/15/1993**	**TRICHLOROETHYLENE**	**0.0121**	**0.0002**	**Yes**
868 56TH PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROETHANE, 1,1-**	**0.0006**	**0.0005**	**Yes**
868 56TH PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROETHYLENE, 1,2-CIS**	**0.0055**	**0.0002**	**Yes**
868 56TH PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHYLENE**	**0.0031**	**0.0002**	**Yes**
868 56TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
868 56TH PULLMAN 49450	**1997**	**05/29/1997**	**CHLOROFORM**	**0.0213**	**0.0004**	**Yes**
868 56TH PULLMAN 49450	**1997**	**05/29/1997**	**METHYL ETHYL KETONE**	**0.14**	**0.02**	**Yes**
868 56TH PULLMAN 49450	**1997**	**05/29/1997**	**TETRAHYDROFURAN**	**0.048**	**0.005**	**Yes**
868 56TH PULLMAN 49450	**1997**	**06/22/1997**	**CHLOROFORM**	**0.0020**	**0.0004**	**Yes**
868 56TH PULLMAN 49450	2002	01/14/2002	ALL VOCs	ND		No
868 56TH PULLMAN 49450	2005	01/10/2005	ALL VOCs	ND		No
868 56TH PULLMAN 49450	2006	01/31/2006	ALL VOCs	ND		No
868 56TH PULLMAN 49450	2006	12/11/2006	ALL VOCs	ND		No
868 56TH PULLMAN 49450	2008	02/05/2008	ALL VOCs	ND		No
868 56TH PULLMAN 49450	2009	08/17/2009	ALL VOCs	ND		No
868 PULLMAN PULLMAN 49450	1994	08/04/1994	ALL VOCs	ND		No
868 PULLMAN PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
868 PULLMAN PULLMAN 49450	2001	10/02/2001	ALL VOCs	ND		No
868 PULLMAN PULLMAN 49450	2004	05/11/2004	ALL VOCs	ND		No
868 PULLMAN PULLMAN 49450	2005	01/14/2005	ALL VOCs	ND		No
868 PULLMAN PULLMAN 49450	2006	02/08/2006	ALL VOCs	ND		No
869 PULLMAN PULLMAN 49450	1993	09/02/1993	ALL VOCs	ND		No
869 PULLMAN PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
869 PULLMAN PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
869 PULLMAN PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
869 PULLMAN PULLMAN 49450	2000	08/18/2000	ALL VOCs	ND		No

869 PULLMAN PULLMAN 49450	2000	08/18/2000	TETRAHYDROFURAN	0.030	0.005	Yes
872 56TH PULLMAN 49450	1993	10/07/1993	DICHLORODIFLUOROMETHANE	0.001	0.001	Yes
872 56TH PULLMAN 49450	1993	10/07/1993	TRICHLOROETHYLENE	0.0011	0.0002	Yes
872 56TH PULLMAN 49450	1997	05/29/1997	CHLOROFORM	0.0062	0.0004	Yes
872 56TH PULLMAN 49450	1997	05/29/1997	TRICHLOROETHYLENE	0.0006	0.0002	Yes
872 56TH PULLMAN 49450	2002	01/14/2002	ALL VOCs	ND		No
872 56TH PULLMAN 49450	2002	01/14/2002	CHLOROFORM	0.0685	0.0004	Yes
872 56TH PULLMAN 49450	2002	01/14/2002	METHYLENE CHLORIDE	0.0011	0.0006	Yes
872 56TH PULLMAN 49450	2002	01/14/2002	TOLUENE	0.0012	0.0005	Yes
872 56TH PULLMAN 49450	2002	01/14/2002	XYLENES (TOTAL)	0.0005	0.0005	Yes
872 56TH PULLMAN 49450	2003	01/27/2003	ALL VOCs	ND		No
872 56TH PULLMAN 49450	2004	08/09/2004	ALL VOCs	ND		No
872 56TH PULLMAN 49450	2005	03/15/2005	ALL VOCs	ND		No
872 56TH PULLMAN 49450	2009	08/17/2009	ALL VOCs	ND		No
874 56TH PULLMAN 49450	1993	09/02/1993	DICHLOROETHANE, 1,1-	0.0007	0.0005	Yes
874 56TH PULLMAN 49450	1993	09/02/1993	DICHLOROETHYLENE, 1,1-	0.0018	0.0002	Yes
874 56TH PULLMAN 49450	1993	10/07/1993	ALL VOCs	ND		No
874 56TH PULLMAN 49450	1993	11/03/1993	TRICHLOROETHYLENE	0.0015	0.0002	Yes
874 56TH PULLMAN 49450	1996	05/06/1996	CHLOROFORM	0.0013	0.0002	Yes
874 56TH PULLMAN 49450	1996	05/16/1996	CHLOROFORM	0.0500	0.0002	Yes
874 56TH PULLMAN 49450	1996	05/16/1996	METHYLENE CHLORIDE	TRACE	0.0003	Trace
874 56TH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHYLENE	TRACE	0.0002	Trace
874 56TH PULLMAN 49450	1997	06/22/1997	CHLOROFORM	0.0012	0.0004	Yes
874 56TH PULLMAN 49450	2001	02/05/2001	ALL VOCs	ND		No
874 56TH PULLMAN 49450	2002	01/08/2002	ALL VOCs	ND		No
874 56TH PULLMAN 49450	2002	01/09/2002	ALL VOCs	ND		No
874 56TH PULLMAN 49450	2003	02/20/2003	ALL VOCs	ND		No
874 56TH PULLMAN 49450	2003	11/05/2003	DICHLOROETHYLENE, 1 ,1-	0.0010	0.0002	Yes
874 56TH PULLMAN 49450	2003	11/05/2003	TETRACHLOROETHYLENE	0.0008	0.0002	Yes
874 56TH PULLMAN 49450	2003	11/05/2003	TRICHLOROETHANE, 1,1,1-	0.0032	0.0005	Yes
874 56TH PULLMAN 49450	2003	11/05/2003	TRICHLOROETHANE, 1,1,1-	0.0451	0.0002	Yes

874 56TH PULLMAN 49450	**2003**	**11/05/2003**	**TRICHLOROETHYLENE**	**0.0949**	**0.0002**	**Yes**
874 56TH PULLMAN 49450	**2003**	**11/05/2003**	**XYLENE,ORTHO-**	**0.0005**	**0.0005**	**Yes**
874 56TH PULLMAN 49450	**2003**	**11/05/2003**	**XYLENES (TOTAL)**	**0.0024**	**0.0005**	**Yes**
874 56TH PULLMAN 49450	2004	06/02/2004	ALL VOCs	ND		No
874 56TH PULLMAN 49450	2004	07/13/2004	ALL VOCs	ND		No
874 56TH PULLMAN 49450	2005	01/18/2005	ALL VOCs	ND		No
874 56TH PULLMAN 49450	2006	01/31/2006	ALL VOCs	ND		No
874 56TH PULLMAN 49450	**2006**	**12/11/2006**	**STYRENE**	**0.0009**	**0.0005**	**Yes**
874 56TH PULLMAN 49450	2006	12/12/2006	ALL VOCs	ND		No
874 56TH PULLMAN 49450	2008	02/27/2008	ALL VOCs	ND		No
874 56TH PULLMAN 49450	**2008**	**03/07/2008**	**TRICHLOROETHANE, 1,1,1-**	**0.0013**	**0.0005**	**Yes**
874 56TH PULLMAN 49450	2008	12/10/2008	ALL VOCs	ND		No
874 56TH PULLMAN 49450	**2009**	**02/04/2009**	**TRICHLOROETHANE, 1,1,1-**	**0.0018**	**0.0005**	**Yes**
874 56TH PULLMAN 49450	**2009**	**02/04/2009**	**TRICHLOROETHYLENE**	**0.013**	**0.0005**	**Yes**
874 56TH PULLMAN 49450	2010	09/08/2010	ALL VOCs	ND		No
874 PULLMAN PULLMAN 49450	1993	11/03/1993	ALL VOCs	ND		No
874 PULLMAN PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
874 PULLMAN PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No
874 PULLMAN PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
874 PULLMAN PULLMAN 49450	**1998**	**05/06/1998**	**TETRAHYDROFURAN**	**0.499**	**0.005**	**Yes**
874 PULLMAN PULLMAN 49450	**2000**	**08/18/2000**	**METHYL ETHYL KETONE**	**0.09**	**0.02**	**Yes**
874 PULLMAN PULLMAN 49450	**2000**	**08/18/2000**	**TETRAHYDROFURAN**	**0.111**	**0.005**	**Yes**
874 PULLMAN PULLMAN 49450	2001	01/10/2001	ALL VOCs	ND		No
874 PULLMAN PULLMAN 49450	2002	02/21/2002	ALL VOCs	ND		No
874 PULLMAN PULLMAN 49450	**2004**	**08/09/2004**	**METHYL ETHYL KETONE**	**0.007**	**0.005**	**Yes**
874 PULLMAN PULLMAN 49450	**2004**	**08/09/2004**	**TETRAHYDROFURAN**	**0.034**	**0.005**	**Yes**
874 PULLMAN PULLMAN 49450	2004	12/10/2004	ALL VOCs	ND		No
874 PULLMAN PULLMAN 49450	2008	09/05/2008	ALL VOCs	ND		No
874 PULLMAN PULLMAN 49450	2009	09/24/2009	ALL VOCs	ND		No
874 PULLMAN PULLMAN 49450	2010	09/23/2010	ALL VOCs	ND		No
880 PULLMAN PULLMAN 49450	1993	11/03/1993	ALL VOCs	ND		No

880 PULLMAN PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
880 PULLMAN PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
880 PULLMAN PULLMAN 49450	**2000**	**08/18/2000**	**METHYLENE CHLORIDE**	**0.0006**	**0.0006**	**Yes**
880 PULLMAN PULLMAN 49450	**2000**	**08/18/2000**	**TRICHLOROETHANE, 1,1,1-**	**0.0005**	**0.0004**	**Yes**
880 PULLMAN PULLMAN 49450	**2001**	**10/02/2001**	**TRICHLOROETHANE, 1,1,1-**	**0.0005**	**0.0004**	**Yes**
880 PULLMAN PULLMAN 49450	**2002**	**02/25/2002**	**TRICHLOROETHANE,1,1,1-**	**TRACE**	**0.0004**	**Trace**
880 PULLMAN PULLMAN 49450	2004	05/13/2004	ALL VOCs	ND		No
880 PULLMAN PULLMAN 49450	**2006**	**02/08/2006**	**TRICHLOROETHANE, 1,1,1-**	**0.0005**	**0.0005**	**Yes**
880 PULLMAN PULLMAN 49450	2008	09/05/2008	ALL VOCs	ND		No
880 PULLMAN PULLMAN 49450	**2009**	**09/24/2009**	**TRICHLOROETHANE, 1,1,1-**	**TRACE**	**0.0005**	**Trace**
882 567H PULLMAN 49450	**1993**	**10/07/1993**	**DICHLOROETHANE, 1,1-**	**0.0006**	**0.0005**	**Yes**
882 567H PULLMAN 49450	**1993**	**10/07/1993**	**DICHLOROETHYLENE, 1,1-**	**0.0005**	**0.0002**	**Yes**
882 567H PULLMAN 49450	**1993**	**10/07/1993**	**TRICHLOROETHANE, 1,1,1-**	**0.0187**	**0.0002**	**Yes**
882 567H PULLMAN 49450	**1993**	**10/07/1993**	**TRICHLOROETHYLENE**	**0.0337**	**0.0002**	**Yes**
882 567H PULLMAN 49450	1996	05/06/1996	ALL VOCs	ND		No
882 567H PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROETHYLENE, 1,2-CIS**	**0.0004**	**0.0002**	**Yes**
882 567H PULLMAN 49450	**1996**	**06/05/1996**	**DICHLOROETHYLENE,1,1-**	**0.0007**	**0.0002**	**Yes**
882 567H PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHANE, 1,1,1-**	**0.0339**	**0.0002**	**Yes**
882 567H PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHYLENE**	**0.0234**	**0.0002**	**Yes**
882 567H PULLMAN 49450	**1997**	**06/22/1997**	**CHLOROFORM**	**0.0101**	**0.0004**	**Yes**
882 567H PULLMAN 49450	**1997**	**10/22/1997**	**CHLOROFORM**	**0.0007**	**0.0004**	**Yes**
882 567H PULLMAN 49450	2002	06/06/2002	ALL VOCs	ND		No
882 567H PULLMAN 49450	2003	02/06/2003	ALL VOCs	ND		No
882 567H PULLMAN 49450	2004	06/02/2004	ALL VOCs	ND		No
882 567H PULLMAN 49450	2005	03/15/2005	ALL VOCs	ND		No
882 567H PULLMAN 49450	2006	01/31/2006	ALL VOCs	ND		No
882 567H PULLMAN 49450	2008	02/05/2008	ALL VOCs	ND		No
882 567H PULLMAN 49450	2009	09/16/2009	ALL VOCs	ND		No
884 56TH PULLMAN 49450	1993	10/07/1993	ALL VOCs	ND		No
884 56TH PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
884 56TH PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No

884 56TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
884 56TH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
884 56TH PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
884 56TH PULLMAN 49450	2000	05/11/2000	ALL VOCs	ND		No
884 56TH PULLMAN 49450	2001	07/27/2001	ALL VOCs	ND		No
884 56TH PULLMAN 49450	2002	01/09/2002	ALL VOCs	ND		No
884 56TH PULLMAN 49450	2006	01/31/2006	ALL VOCs	ND		No
884 56TH PULLMAN 49450	**2006**	**01/31/2006**	**TRICHLOROETHANE, 1,1,1-**	**0.0005**	**0.0005**	**Yes**
884 56TH PULLMAN 49450	**2006**	**01/31/2006**	**TRICHLOROETHYLENE**	**0.0008**	**0.0005**	**Yes**
884 56TH PULLMAN 49450	**2007**	**01/03/2007**	**STYRENE**	**0.0006**	**0.0005**	**Yes**
884 56TH PULLMAN 49450	2008	02/05/2008	ALL VOCs	ND		No
884 56TH PULLMAN 49450	2008	09/09/2008	ALL VOCs	ND		No
884 56TH PULLMAN 49450	2009	09/16/2009	ALL VOCs	ND		No
885 PEARL PULLMAN 49450		**0/2003**	**TE HLOROETHYLENE**	**0.0023**	**0.0004**	**Yes**
885 PEARL PULLMAN 49450		**01**	**RACHLOROETHYLENE**	**0.0011**	**0.0005**	**Yes**
885 PEARL PULLMAN 49450		**07**	**RACHLOROETHYLENE**	**0.0015**	**0.0005**	**Yes**
885 PEARL PULLMAN 49450		**1**	**AACHLOROETHYLENE**	**0.0053**	**0.0005**	**Yes**
885 PEARL PULLMAN 49450		**1**	**LOROETHYLENE**	**0.0009**	**0.0005**	**Yes**
885 PEARL PULLMAN 49450		**1**	**RACHLOROETHYLENE**	**0.0018**	**0.0005**	**Yes**
885 PEARL PULLMAN 49450		**1**	**RACHLOROETHYLENE**	**0.0014**	**0.0005**	**Yes**
885 PEARL PULLMAN 49450		**1**	**T CHLOROETHYLENE**	**0.0029**	**0.0005**	**Yes**
885 PEARL PULLMAN 49450		**1**	**Tl CHLOROETHYLENE**	**0.0032**	**0.0005**	**Yes**
885 PEARL PULLMAN 49450	1993	03/11/1993	ALL VOCs	ND		No
885 PEARL PULLMAN 49450	**1993**	**03/11/1993**	**TRICHLOROETHANE, 1,1,1-**	**0.0031**	**0.0002**	**Yes**
885 PEARL PULLMAN 49450	**1993**	**03/11/1993**	**TRICHLOROETHYLENE**	**0.0030**	**0.00015**	**Yes**
885 PEARL PULLMAN 49450	**1993**	**07/21/1993**	**TRICHLOROETHANE, 1,1,1-**	**0.0035**	**0.0002**	**Yes**
885 PEARL PULLMAN 49450	**1993**	**07/21/1993**	**TRICHLOROETHYLENE**	**0.0036**	**0.00015**	**Yes**
885 PEARL PULLMAN 49450	**1996**	**06/05/1996**	**TETRACHLOROETHYLENE**	**TRACE**	**0.0002**	**Trace**
885 PEARL PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHANE, 1,1,1-**	**0.0010**	**0.0002**	**Yes**
885 PEARL PULLMAN 49450	**1996**	**06/05/1996**	**TRICHLOROETHYLENE**	**0.0010**	**0.0002**	**Yes**
885 PEARL PULLMAN 49450	**1997**	**07/30/1997**	**CHLOROFORM**	**0.0004**	**0.0004**	**Yes**

885 PEARL PULLMAN 49450	1997	07/30/1997	TOLUENE	TRACE	0.0005	Trace
885 PEARL PULLMAN 49450	2007	04/13/2007	RACHLOROETHYLENE	0.0017	0.0005	Yes
886 567TH PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
886 567TH PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No
886 567TH PULLMAN 49450	1996	06/26/1996	TRICHLOROETHANE, 1,1,1-	TRACE	0.0002	Trace
886 567TH PULLMAN 49450	1997	07/17/1997	CHLORODIBROMOMETHANE	0.0011	0.0004	Yes
886 567TH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.0166	0.0004	Yes
886 567TH PULLMAN 49450	1997	07/17/1997	DICHLOROBROMOMETHANE	0.0053	0.0004	Yes
886 567TH PULLMAN 49450	1997	07/17/1997	METHYLENE CHLORIDE	TRACE	0.0006	Trace
886 567TH PULLMAN 49450	2002	01/29/2002	ALL VOCs	ND		No
886 567TH PULLMAN 49450	2003	02/11/2003	ALL VOCs	ND		No
886 567TH PULLMAN 49450	2003	02/14/2003	ALL VOCs	ND		No
886 PULLMAN PULLMAN 49450	1993	03/11/1993	ALL VOCs	ND		No
886 PULLMAN PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
886 PULLMAN PULLMAN 49450	2006	02/08/2006	ALL VOCs	ND		No
886 PULLMAN PULLMAN 49450	2010	09/23/2010	ALL VOCs	ND		No
887 567TH PULLMAN 49450	1993	09/02/1993	ALL VOCs	ND		No
887 567TH PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
887 567TH PULLMAN 49450	1995	04/26/1995	ALL VOCs	ND		No
887 567TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
887 567TH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
887 567TH PULLMAN 49450	1998	05/06/1998	ALL VOCs	ND		No
887 567TH PULLMAN 49450	2000	08/18/2000	ALL VOCs	ND		No
887 567TH PULLMAN 49450	2001	02/05/2001	TRICHLOROETHANE, 1,1,1-	TRACE	0.0004	Trace
887 567TH PULLMAN 49450	2003	01/27/2003	ALL VOCs	ND		No
887 567TH PULLMAN 49450	2004	05/17/2004	ALL VOCs	ND		No
887 567TH PULLMAN 49450	2005	01/10/2005	ALL VOCs	ND		No
887 567TH PULLMAN 49450	2006	01/31/2006	ALL VOCs	ND		No
887 567TH PULLMAN 49450	2006	12/12/2006	ALL VOCs	ND		No
887 567TH PULLMAN 49450	2009	02/04/2009	CHLOROFORM	TRACE	0.0005	Trace
890 567TH PULLMAN 59450	1993	09/02/1993	DICHLORODIFLUOROMETHANE	0.027	0.001	Yes

890 567TH PULLMAN 59450	1993	10/07/1993	ALL VOCs	ND		No
890 567TH PULLMAN 59450	**1996**	**06/26/1996**	**DICHLORODIFLUOROMETHANE**	**0.008**	**0.001**	**Yes**
890 567TH PULLMAN 59450	**1998**	**05/06/1998**	**DICHLORODIFLUOROMETHANE**	**0.008**	**0.001**	**Yes**
890 567TH PULLMAN 59450	**2000**	**08/18/2000**	**DICHLORODIFLUOROMETHANE**	**0.014**	**0.001**	**Yes**
890 567TH PULLMAN 59450	**2001**	**03/06/2001**	**DICHLORODIFLUOROMETHANE**	**0.005**	**0.001**	**Yes**
890 567TH PULLMAN 59450	**2002**	**01/08/2002**	**DICHLORODIFLUOROMETHANE**	**0.016**	**0.001**	**Yes**
890 567TH PULLMAN 59450	2003	02/06/2003	ALL VOCs	ND		No
890 567TH PULLMAN 59450	**2004**	**07/13/2004**	**DICHLORODIFLUOROMETHANE**	**0.084**	**0.001**	**Yes**
890 567TH PULLMAN 59450	2005	01/18/2005	ALL VOCs	ND		No
890 567TH PULLMAN 59450	**2007**	**01/03/2007**	**CHLOROFORM**	**TRACE**	**0.0005**	**Trace**
890 567TH PULLMAN 59450	**2008**	**02/05/2008**	**DICHLORODIFLUOROMETHANE**	**0.075**	**0.001**	**Yes**
890 567TH PULLMAN 59450	**2008**	**02/05/2008**	**METHYLENE CHLORIDE**	**0.0016**	**0.0006**	**Yes**
909 56TH PULLMAN 49450	1994	03/23/1994	ALL VOCs	ND		No
909 56TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
909 56TH PULLMAN 49450	1997	06/11/1997	ALL VOCs	ND		No
909 56TH PULLMAN 49450	2000	08/18/2000	ALL VOCs	ND		No
909 56TH PULLMAN 49450	2001	07/27/2001	ALL VOCs	ND		No
909 56TH PULLMAN 49450	2002	06/06/2002	ALL VOCs	ND		No
909 56TH PULLMAN 49450	2003	03/06/2003	ALL VOCs	ND		No
909 56TH PULLMAN 49450	2004	07/13/2004	ALL VOCs	ND		No
909 56TH PULLMAN 49450	2005	03/11/2005	ALL VOCs	ND		No
909 56TH PULLMAN 49450	2006	02/02/2006	ALL VOCs	ND		No
909 56TH PULLMAN 49450	2007	01/08/2007	ALL VOCs	ND		No
909 56TH PULLMAN 49450	2008	02/11/2008	ALL VOCs	ND		No
909 56TH PULLMAN 49450	2009	02/04/2009	ALL VOCs	ND		No
909 56TH PULLMAN 49450	**2010**	**09/20/2010**	**CHLOROFORM**	**0.0011**	**0.0005**	**Yes**
910 56TH PULLMAN 49450	**1994**	**08/04/1994**	**DICHLOROBENZENE, 1,4-**	**0.0005**	**0.0002**	**Yes**
910 56TH PULLMAN 49450	1995	01/24/1995	ALL VOCs	ND		No
914 56TH PULLMAN 49450	1994	08/04/1994	ALL VOCs	ND		No
914 56TH PULLMAN 49450	1996	06/26/1996	ALL VOCs	ND		No
915 567TH PULLMAN 49450	1993	10/19/1993	ALL VOCs	ND		No

915 567TH PULLMAN 49450	2003	02/24/2003	DICHLOROETHYLENE, 1,1-	TRACE	0.0005	Trace
915 SECOND PULLMAN 49450	1994	08/04/1994	ALL VOCs	ND		No
915 SECOND PULLMAN 49450	2000	09/07/2000	ALL VOCs	ND		No
915 SECOND PULLMAN 49450	**2000**	**09/07/2000**	**CHLOROFORM**	**0.0104**	**0.0004**	**Yes**
915 SECOND PULLMAN 49450	**2000**	**09/07/2000**	**CHLOROFORM**	**0.0063**	**0.0004**	**Yes**
915 SECOND PULLMAN 49450	2002	12/05/2002	ALL VOCs	ND		No
915 SECOND PULLMAN 49450	2007	01/11/2007	ALL VOCs	ND		No
918 56TH PULLMAN 49450	1993	03/11/1993	ALL VOCs	ND		No
926 56TH PULLMAN 49450	2009	04/15/2009	ALL VOCs	ND		No
943 56TH PULLMAN 49450	**2009**	**04/15/2009**	**TOLUENE**	**0.0007**	**0.0005**	**Yes**
962 PULLMAN PULLMAN 49450	1994	09/16/1994	ALL VOCs	ND		No
975 55TH PULLMAN 49450	1994	07/29/1994	ALL VOCs	ND		No

ALL VOC POSITIVE DETECTIONS						
Location	Year	Collect Date	Analyte	Result	Detect Limit	Detected
5553 NORTH PULLMAN 49450	1997	08/12/1997	CHLOROFORM	0.0164	0.0004	Yes
5553 NORTH PULLMAN 49450	1997	08/12/1997	METHYLENE CHLORIDE	0.0090	0.0006	Yes
5553 NORTH PULLMAN 49450	1997	08/12/1997	TOLUENE	0.0012	0.0005	Yes
5559 109TH PULLMAN 49450	1996	06/05/1996	TETRACHLOROETHYLENE	0.0007	0.0002	Yes
5564 109TH PULLMAN 49450	2001	10/08/2001	CHLOROFORM	TRACE	0.0004	Trace
5568 NORTH PULLMAN 49450	1994	03/31/1994	CHLOROFORM	0.0006	0.0002	Yes
5568 NORTH PULLMAN 49450	1994	03/31/1994	TRICHLOROETHANE, 1,1,1-	0.0074	0.0002	Yes
5568 NORTH PULLMAN 49450	1994	04/26/1994	CHLOROFORM	0.0007	0.0002	Yes
5568 NORTH PULLMAN 49450	1994	04/26/1994	TRICHLOROETHANE, 1,1,1-	0.0087	0.0002	Yes
5568 NORTH PULLMAN 49450	1997	07/30/1997	CHLORODIBROMOMETHANE	TRACE	0.0004	Trace
5568 NORTH PULLMAN 49450	1997	07/30/1997	CHLOROFORM	0.0352	0.0004	Yes
5568 NORTH PULLMAN 49450	1997	07/30/1997	DICHLOROBROMOMETHANE	0.0005	0.0004	Yes
5568 NORTH PULLMAN 49450	1997	07/30/1997	METHYLENE CHLORIDE	0.0018	0.0006	Yes
5568 NORTH PULLMAN 49450	1997	07/30/1997	TETRAHYDROFURAN	0.033	0.005	Yes
5571 109TH PULLMAN 49450	2000	04/18/2000	CHLOROFORM	0.0017	0.0004	Yes
5571 109TH PULLMAN 49450	2001	07/27/2001	CHLOROFORM	0.0017	0.0004	Yes
5574 NORTH PULLMAN 49450	1994	06/13/1994	TETRACHLOROETHYLENE	0.0017	0.0002	Yes
5574 NORTH PULLMAN 49450	1996	06/05/1996	TETRACHLOROETHYLENE	0.0006	0.0002	Yes
5574 NORTH PULLMAN 49450	1997	07/30/1997	CHLOROFORM	0.0094	0.0004	Yes
5574 NORTH PULLMAN 49450	1997	07/30/1997	METHYLENE CHLORIDE	TRACE	0.0006	Trace
5574 NORTH PULLMAN 49450	1997	07/30/1997	TOLUENE	TRACE	0.0005	Trace
5574 NORTH PULLMAN 49450	2002	05/14/2002	TETRAHYDROFURAN	0.025	0.005	Yes
5575 NORTH PULLMAN 49450	2001	10/08/2001	METHYL TERT-BUTYL ETHER	0.020	0.001	Yes
5575 NORTH PULLMAN 49450	2002	02/04/2002	METHYL TERT-BUTYL ETHER	0.018	0.001	Yes
5575 NORTH PULLMAN 49450	2002	05/14/2002	METHYL TERT-BUTYL ETHER	0.001	0.001	Yes
5575 NORTH PULLMAN 49450	2002	12/05/2002	METHYL TERT-BUTYL ETHER	0.001	0.001	Yes
5576 109TH PULLMAN 49450	1995	01/24/1995	TETRACHLOROETHYLENE	TRACE	0.0002	Trace
5576 109TH PULLMAN 49450	1995	01/24/1995	TRICHLOROETHANE, 1,1,1-	TRACE	0.0002	Trace
5576 109TH PULLMAN 49450	1995	01/24/1995	TRICHLOROETHYLENE	0.0024	0.0002	Yes
5576 109TH PULLMAN 49450	1996	06/05/1996	TETRACHLOROETHYLENE	TRACE	0.0002	Trace
5576 109TH PULLMAN 49450	1997	07/30/1997	CHLOROFORM	0.0186	0.0004	Yes
5576 109TH PULLMAN 49450	1997	07/30/1997	METHYLENE CHLORIDE	0.0007	0.0006	Yes
5576 109TH PULLMAN 49450	1997	07/30/1997	TETRAHYDROFURAN	0.017	0.005	Yes
5576 109TH PULLMAN 49450	2006	01/03/2006	STYRENE	0.0006	0.0005	Yes
5581 109TH PULLMAN 49450	1996	06/05/1996	TETRACHLOROETHYLENE	0.0051	0.0002	Yes
5581 109TH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.1212	0.0004	Yes
5581 109TH PULLMAN 49450	1997	07/17/1997	METHYLENE CHLORIDE	0.0012	0.0006	Yes
5581 109TH PULLMAN 49450	1997	07/17/1997	TETRAHYDROFURAN	0.131	0.005	Yes
5581 109TH PULLMAN 49450	1997	07/17/1997	TOLUENE	0.0020	0.0005	Yes

5581 109TH PULLMAN 49450	1997	10/23/1997	CHLOROFORM	0.0110	0.0004	Yes
5581 109TH PULLMAN 49450	1997	10/23/1997	METHYLENE CHLORIDE	0.0010	0.0006	Yes
5581 109TH PULLMAN 49450	1997	10/23/1997	TETRAHYDROFURAN	0.007	0.005	Yes
5582 109TH PULLMAN 49450	1993	03/11/1993	TRICHLOROETHANE, 1,1,1-	0.0009	0.0002	Yes
5582 109TH PULLMAN 49450	1993	05/06/1993	TRICHLOROETHANE, 1,1,1-	0.0006	0.0002	Yes
5582 109TH PULLMAN 49450	1993	07/21/1993	TRICHLOROETHANE, 1,1,1-	0.0007	0.0002	Yes
5582 109TH PULLMAN 49450	1997	07/17/1997	BROMOFORM	0.0009	0.0004	Yes
5582 109TH PULLMAN 49450	1997	07/17/1997	CHLORODIBROMOMETHANE	0.0130	0.0004	Yes
5582 109TH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.1118	0.0004	Yes
5582 109TH PULLMAN 49450	1997	07/17/1997	DICHLOROBROMOMETHANE	0.0607	0.0004	Yes
5582 109TH PULLMAN 49450	1997	07/17/1997	METHYL ETHYL KETONE	0.68	0.02	Yes
5582 109TH PULLMAN 49450	1997	07/17/1997	METHYLENE CHLORIDE	TRACE	0.0006	Trace
5582 109TH PULLMAN 49450	1997	07/17/1997	TETRAHYDROFURAN	2.350	0.005	Yes
5582 109TH PULLMAN 49450	1997	07/17/1997	TOLUENE	TRACE	0.0005	Trace
5582 109TH PULLMAN 49450	1997	10/23/1997	CHLOROFORM	0.0061	0.0004	Yes
5582 109TH PULLMAN 49450	1997	10/23/1997	METHYLENE CHLORIDE	TRACE	0.0006	Trace
5582 SOUTH PULLMAN 49450		01/01/1900	CHLOROFORM	0.0086	0.0004	Yes
5582 SOUTH PULLMAN 49450		01/01/1900	METHYLENE CHLORIDE	0.0006	0.0006	Yes
5582 SOUTH PULLMAN 49450		01/01/1900	TETRAHYDROFURAN	0.016	0.005	Yes
5582 SOUTH PULLMAN 49450	1996	06/05/1996	TETRACHLOROETHYLENE	0.0124	0.0002	Yes
5582 SOUTH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHANE, 1,1,1-	0.0047	0.0002	Yes
5583 NORTH PULLMAN 49450	1996	06/26/1996	METHYL ETHYL KETONE	0.11	0.02	Yes
5583 NORTH PULLMAN 49450	1996	06/26/1996	METHYLENE CHLORIDE	0.0147	0.0003	Yes
5583 NORTH PULLMAN 49450	1996	06/26/1996	TETRAHYDROFURAN	0.083	0.005	Yes
5586 SOUTH PULLMAN 49450	1993	10/21/1993	TETRACHLOROETHYLENE	0.0017	0.0002	Yes
5586 SOUTH PULLMAN 49450	1993	10/21/1993	TRICHLOROETHANE, 1,1,1-	0.0067	0.0002	Yes
5586 SOUTH PULLMAN 49450	1993	10/21/1993	TRICHLOROETHYLENE	0.0014	0.0002	Yes
5586 SOUTH PULLMAN 49450	1994	06/02/1994	TRICHLOROETHANE, 1,1,1-	0.0009	0.0002	Yes
5586 SOUTH PULLMAN 49450	1997	06/26/1997	CHLOROFORM	0.0034	0.0004	Yes
5586 SOUTH PULLMAN 49450	1997	06/26/1997	TETRAHYDROFURAN	0.048	0.005	Yes
5586 SOUTH PULLMAN 49450	1997	06/26/1997	TOLUENE	TRACE	0.0005	Trace
5586 SOUTH PULLMAN 49450	1997	10/22/1997	CHLOROFORM	0.0025	0.0004	Yes
5586 SOUTH PULLMAN 49450	1997	10/22/1997	METHYLENE CHLORIDE	TRACE	0.0006	Trace
5586 SOUTH PULLMAN 49450	2005	03/21/2005	STYRENE	0.0007	0.0005	Yes
5587 109TH PULLMAN 49450	1994	03/23/1994	TETRACHLOROETHYLENE	0.0005	0.0002	Yes
5587 109TH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.0071	0.0004	Yes
5587 109TH PULLMAN 49450	1997	07/17/1997	TOLUENE	0.0006	0.0005	Yes
5587 109TH PULLMAN 49450	2010	09/08/2010	TETRAHYDROFURAN	0.027	0.005	Yes
5587 NORTH PULLMAN 49450	1997	06/11/1997	DICHLOROBENZENE, 1,4-	TRACE	0.0004	Trace
5588 NORTH PULLMAN 49450	1996	06/26/1996	TETRACHLOROETHYLENE	0.0004	0.0002	Yes
5588 NORTH PULLMAN 49450	1997	07/17/1997	BROMOFORM	0.0030	0.0004	Yes
5588 NORTH PULLMAN 49450	1997	07/17/1997	CHLORODIBROMOMETHANE	0.0071	0.0004	Yes
5588 NORTH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.1745	0.0004	Yes

5588 NORTH PULLMAN 49450	1997	07/17/1997	METHYL ETHYL KETONE	0.29	0.02	Yes
5588 NORTH PULLMAN 49450	1997	07/17/1997	METHYLENE CHLORIDE	0.0021	0.0006	Yes
5588 NORTH PULLMAN 49450	1997	07/17/1997	TETRAHYDROFURAN	0.254	0.005	Yes
5588 NORTH PULLMAN 49450	1997	07/17/1997	TOLUENE	0.0018	0.0005	Yes
5588 NORTH PULLMAN 49450	2010	02/23/2010	CHLOROFORM	0.0016	0.0005	Yes
5588 NORTH PULLMAN 49450	2010	02/23/2010	DICHLOROBROMOMETHANE	0.0010	0.0005	Yes
5588 NORTH PULLMAN 49450	2010	02/23/2010	XYLENE,ORTHO-	TRACE	0.0005	Trace
5590 SOUTH PULLMAN 49450	1996	06/05/1996	DICHLOROETHANE, 1,1-	0.0005	0.0005	Yes
5590 SOUTH PULLMAN 49450	1996	06/05/1996	DICHLOROETHYLENE,1,1-	0.0005	0.0002	Yes
5590 SOUTH PULLMAN 49450	1996	06/05/1996	DICHLOROETHYLENE,1,2-CIS	0.0004	0.0002	Yes
5590 SOUTH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHANE, 1,1,1-	0.0008	0.0002	Yes
5590 SOUTH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHANE, 1,1,1-	0.0134	0.0002	Yes
5590 SOUTH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHYLENE	TRACE	0.0002	Trace
5590 SOUTH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHYLENE	0.0038	0.00015	Yes
5590 SOUTH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.0067	0.0004	Yes
5594 NORTH PULLMAN 49450	2003	02/24/2003	METHYL TERT-BUTYL ETHER	0.003	0.001	Yes
5594 NORTH PULLMAN 49450	2006	02/02/2006	TETRAHYDROFURAN	TRACE	0.005	Trace
5594 NORTH PULLMAN 49450	2007	01/08/2007	TRICHLOROETHYLENE	0.0025	0.0005	Yes
5594 NORTH PULLMAN 49450	2009	01/05/2009	TRICHLOROETHYLENE	0.0005	0.0005	Yes
5594 SOUTH PULLMAN 49450	1993	09/02/1993	DICHLORODIFLUOROMETHANE	0.001	0.001	Yes
5594 SOUTH PULLMAN 49450	1993	09/02/1993	TRICHLOROETHANE,1,1,1-	0.0052	0.0002	Yes
5594 SOUTH PULLMAN 49450	1993	09/02/1993	TRICHLOROETHYLENE	0.0150	0.00015	Yes
5594 SOUTH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHANE, 1,1,1-	0.0036	0.0002	Yes
5594 SOUTH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHYLENE	0.0137	0.0002	Yes
5594 SOUTH PULLMAN 49450	1997	07/30/1997	CHLOROFORM	0.0033	0.0004	Yes
5594 SOUTH PULLMAN 49450	1997	07/30/1997	METHYLENE CHLORIDE	TRACE	0.0006	Trace
5594 SOUTH PULLMAN 49450	1998	04/29/1998	CHLOROFORM	0.0013	0.0004	Yes
5594 SOUTH PULLMAN 49450	1998	04/29/1998	METHYLENE CHLORIDE	TRACE	0.0006	Trace
5595 NORTH PULLMAN 49450	1995	04/26/1995	DICHLOROBENZENE, 1,4-	0.0005	0.0002	Yes
5598 109TH PULLMAN 49450	1994	08/04/1994	TETRACHLOROETHYLENE	0.0049	0.0002	Yes
5598 109TH PULLMAN 49450	1997	10/22/1997	CHLOROFORM	0.0235	0.0004	Yes
5598 109TH PULLMAN 49450	1997	10/22/1997	METHYLENE CHLORIDE	0.001	0.0006	Yes
5604 109TH PULLMAN 49450	2000	10/21/2000	TETRACHLOROETHYLENE	TRACE	0.0004	Trace
5604 109TH PULLMAN 49450	2000	10/21/2000	TRICHLOROETHYLENE	TRACE	0.0004	Trace
5604 109TH PULLMAN 49450	2001	02/05/2001	METHYL TERT-BUTYL ETHER	TRACE	0.001	Trace
5604 109TH PULLMAN 49450	2003	01/27/2003	TETRACHLOROETHYLENE	0.0006	0.0004	Yes
5604 109TH PULLMAN 49450	2003	08/04/2003	TETRACHLOROETHYLENE	0.0007	0.0005	Yes
5604 109TH PULLMAN 49450	2003	12/18/2003	TETRACHLOROETHYLENE	0.0010	0.0005	Yes
5604 109TH PULLMAN 49450	2004	05/11/2004	TETRACHLOROETHYLENE	TRACE	0.0005	Trace
5604 109TH PULLMAN 49450	2004	08/09/2004	TETRACHLOROETHYLENE	TRACE	0.0005	Trace
5604 109TH PULLMAN 49450	2004	12/10/2004	TETRACHLOROETHYLENE	0.0005	0.0005	Yes
5604 109TH PULLMAN 49450	2005	05/11/2005	TETRACHLOROETHYLENE	0.0006	0.0005	Yes
5604 109TH PULLMAN 49450	2006	05/05/2006	TETRACHLOROETHYLENE	0.0007	0.0005	Yes

5604 109TH PULLMAN 49450	2006	12/06/2006	STYRENE	0.0015	0.0005	Yes
5604 109TH PULLMAN 49450	2006	12/06/2006	TETRACHLOROETHYLENE	0.0012	0.0005	Yes
5604 109TH PULLMAN 49450	2007	01/08/2007	TETRACHLOROETHYLENE	0.0007	0.0005	Yes
5604 109TH PULLMAN 49450	2007	04/13/2007	TETRACHLOROETHYLENE	0.0005	0.0005	Yes
5615 109TH PULLMAN 49450	1998	05/06/1998	TETRAHYDROFURAN	0.012	0.005	Yes
5615 109TH PULLMAN 49450	2003	01/27/2003	TETRAHYDROFURAN	0.008	0.005	Yes
5615 109TH PULLMAN 49450	2005	01/10/2005	METHYL TERT-BUTYL ETHER	0.004	0.001	Yes
5620 109TH PULLMAN 49450	1993	09/02/1993	TETRACHLOROETHYLENE	0.0005	0.00015	Yes
5620 109TH PULLMAN 49450	1993	11/03/1993	TETRACHLOROETHYLENE	0.0009	0.0002	Yes
5620 109TH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.0085	0.0004	Yes
5620 109TH PULLMAN 49450	1997	07/17/1997	TETRAHYDROFURAN	0.005	0.005	Yes
5620 109TH PULLMAN 49450	1997	07/17/1997	TOLUENE	0.0008	0.0005	Yes
5620 GILPIN PULLMAN 49450	1993	10/19/1993	TRICHLOROETHYLENE	0.0014	0.0002	Yes
5620 GILPIN PULLMAN 49450	1996	06/05/1996	DICHLOROETHANE, 1,1-	0.0006	0.0005	Yes
5620 GILPIN PULLMAN 49450	1996	06/05/1996	TRICHLOROETHYLENE	0.0038	0.0002	Yes
5620 GILPIN PULLMAN 49450	1998	11/04/1998	TRICHLOROETHANE, 1,1,1-	0.0024	0.0004	Yes
5620 GILPIN PULLMAN 49450	1998	11/04/1998	TRICHLOROETHYLENE	0.0252	0.0004	Yes
5622 GILPIN PULLMAN 49450	1993	09/02/1993	TRICHLOROETHANE, 1,1,1-	0.0006	0.0002	Yes
5622 GILPIN PULLMAN 49450	1996	06/05/1996	DICHLOROETHANE, 1, 1-	0.0006	0.0005	Yes
5622 GILPIN PULLMAN 49450	1996	06/05/1996	DICHLOROETHYLENE,1,2-CIS	TRACE	0.0002	Trace
5622 GILPIN PULLMAN 49450	1996	06/05/1996	TRICHLOROETHYLENE	0.0050	0.0002	Yes
5623 GILPIN PULLMAN 49450	1993	11/03/1993	DICHLORODIFLUOROMETHANE	0.003	0.001	Yes
5625 109TH PULLMAN 49450	2006	12/06/2006	STYRENE	0.0024	0.0005	Yes
5625 GILPIN PULLMAN 49450	1993	11/03/1993	TRICHLOROETHANE, 1,1,1-	0.0021	0.0002	Yes
5625 GILPIN PULLMAN 49450	1993	11/03/1993	TRICHLOROETHYLENE	0.0045	0.0002	Yes
5625 GILPIN PULLMAN 49450	1997	08/12/1997	CHLOROFORM	0.0178	0.0004	Yes
5625 GILPIN PULLMAN 49450	1997	08/12/1997	METHYLENE CHLORIDE	0.0007	0.0006	Yes
5625 GILPIN PULLMAN 49450	1997	08/12/1997	TOLUENE	TRACE	0.0005	Trace
5625 GILPIN PULLMAN 49450	1998	11/04/1998	METHYLENE CHLORIDE	TRACE	0.0006	Trace
5625 GILPIN PULLMAN 49450	2003	02/06/2003	CHLOROFORM	0.0015	0.0004	Yes
5627 109TH PULLMAN 49450	2008	02/05/2008	STYRENE	0.0012	0.0005	Yes
5632 109TH PULLMAN 49450	1994	03/23/1994	METHYLENE CHLORIDE	0.0014	0.0003	Yes
5632 109TH PULLMAN 49450	1996	06/05/1996	DICHLOROBENZENE, 1,4-	TRACE	0.0002	Trace
5632 109TH PULLMAN 49450	1996	06/05/1996	METHYLENE CHLORIDE	0.0008	0.0003	Yes
5632 109TH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.0363	0.0004	Yes
5632 109TH PULLMAN 49450	1997	07/17/1997	METHYLENE CHLORIDE	0.0006	0.0006	Yes
5632 109TH PULLMAN 49450	1997	07/17/1997	TETRAHYDROFURAN	0.038	0.005	Yes
5634 109TH PULLMAN 49450	2001	01/10/2001	METHYL TERT-BUTYL ETHER	0.034	0.001	Yes
5634 109TH PULLMAN 49450	2001	02/05/2001	METHYL TERT-BUTYL ETHER	0.037	0.001	Yes
5634 109TH PULLMAN 49450	2001	06/06/2001	CHLOROFORM	TRACE	0.0004	Trace
5634 109TH PULLMAN 49450	2001	06/06/2001	METHYL TERT-BUTYL ETHER	0.003	0.001	Yes
5634 109TH PULLMAN 49450	2002	01/24/2002	METHYL TERT-BUTYL ETHER	0.003	0.001	Yes
5634 109TH PULLMAN 49450	2002	05/14/2002	CHLOROFORM	0.0006	0.0004	Yes

5634 109TH PULLMAN 49450	2002	05/14/2002	METHYL TERT-BUTYL ETHER	0.002	0.001	Yes
5634 109TH PULLMAN 49450	2002	08/07/2002	CHLOROFORM	TRACE	0.0004	Trace
5634 109TH PULLMAN 49450	2002	08/07/2002	METHYL TERT-BUTYL ETHER	0.001	0.001	Yes
5634 109TH PULLMAN 49450	2002	12/05/2002	CHLOROFORM	TRACE	0.0004	Trace
5634 109TH PULLMAN 49450	2002	12/05/2002	METHYL TERT-BUTYL ETHER	0.048	0.001	Yes
5634 109TH PULLMAN 49450	2003	02/24/2003	CHLOROFORM	TRACE	0.0004	Trace
5634 109TH PULLMAN 49450	2003	02/24/2003	METHYL TERT-BUTYL ETHER	0.065	0.001	Yes
840 56TH PULLMAN 49450	1994	03/23/1994	CHLOROFORM	0.0012	0.0002	Yes
840 56TH PULLMAN 49450	1994	04/18/1994	CHLOROFORM	0.0013	0.0002	Yes
840 56TH PULLMAN 49450	1995	01/24/1995	CHLOROFORM	TRACE	0.0002	Trace
840 56TH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.0171	0.0004	Yes
840 56TH PULLMAN 49450	1997	07/17/1997	METHYLENE CHLORIDE	0.0006	0.0006	Yes
840 56TH PULLMAN 49450	1997	07/17/1997	TOLUENE	0.0023	0.0005	Yes
842 PULLMAN PULLMAN 49450	1997	08/12/1997	CHLOROFORM	0.0264	0.0004	Yes
842 PULLMAN PULLMAN 49450	1997	08/12/1997	DICHLOROBROMOMETHANE	0.0005	0.0004	Yes
842 PULLMAN PULLMAN 49450	1997	08/12/1997	METHYLENE CHLORIDE	TRACE	0.0006	Trace
847 56TH PULLMAN 49450	1997	06/11/1997	METHYL TERT-BUTYL ETHER	0.013	0.001	Yes
847 56TH PULLMAN 49450	2004	07/13/2004	CHLOROFORM	0.0005	0.0005	Yes
847 56TH PULLMAN 49450	2005	01/18/2005	CHLOROFORM	TRACE	0.0005	Trace
848 56TH PULLMAN 49450	1997	06/11/1997	BENZENE	TRACE	0.0005	Trace
849 PULLMAN PULLMAN 49450	1999	07/27/1999	NAPHTHALENE	0.003	0.001	Yes
849 PULLMAN PULLMAN 49450	2002	10/21/2002	CHLOROFORM	0.0005	0.0004	Yes
849 PULLMAN PULLMAN 49450	2002	10/21/2002	TRICHLOROETHYLENE	0.0128	0.0004	Yes
849 PULLMAN PULLMAN 49450	2003	12/18/2003	TRICHLOROETHYLENE	0.0008	0.0005	Yes
849 PULLMAN PULLMAN 49450	2004	05/13/2004	TRICHLOROETHYLENE	0.0034	0.0005	Yes
851 PULLMAN PULLMAN 49450	1996	06/26/1996	METHYLENE CHLORIDE	TRACE	0.0003	Trace
851 PULLMAN PULLMAN 49450	1997	08/12/1997	CHLOROFORM	0.0632	0.0004	Yes
851 PULLMAN PULLMAN 49450	1997	08/12/1997	METHYLENE CHLORIDE	0.0021	0.0006	Yes
851 PULLMAN PULLMAN 49450	1997	08/12/1997	TETRAHYDROFURAN	0.050	0.005	Yes
851 PULLMAN PULLMAN 49450	1997	08/12/1997	TOLUENE	0.0007	0.0005	Yes
860 56TH PULLMAN 49450	1995	01/24/1995	METHYLENE CHLORIDE	0.0010	0.0003	Yes
860 56TH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.0145	0.0004	Yes
860 56TH PULLMAN 49450	1997	07/17/1997	TETRAHYDROFURAN	0.011	0.005	Yes
860 56TH PULLMAN 49450	1997	07/17/1997	TOLUENE	0.0013	0.0005	Yes
865 PULLMAN PULLMAN 49450	1996	06/26/1996	METHYLENE CHLORIDE	0.0013	0.0003	Yes
865 PULLMAN PULLMAN 49450	1997	08/12/1997	CARBON TETRACHLORIDE	0.0004	0.0004	Yes
865 PULLMAN PULLMAN 49450	1997	08/12/1997	CHLORODIBROMOMETHANE	0.0007	0.0004	Yes
865 PULLMAN PULLMAN 49450	1997	08/12/1997	DICHLOROBROMOMETHANE	0.0028	0.0004	Yes
865 PULLMAN PULLMAN 49450	1997	08/12/1997	METHYLENE CHLORIDE	0.0083	0.0006	Yes
865 PULLMAN PULLMAN 49450	1997	08/12/1997	TETRAHYDROFURAN	0.028	0.005	Yes
865 PULLMAN PULLMAN 49450	1997	08/12/1997	TOLUENE	0.0015	0.0005	Yes
868 56TH PULLMAN 49450	1993	10/15/1993	DICHLOROETHANE, 1,1-	0.0008	0.0005	Yes
868 56TH PULLMAN 49450	1993	10/15/1993	DICHLOROETHYLENE,1,2-CIS	0.0075	0.0002	Yes

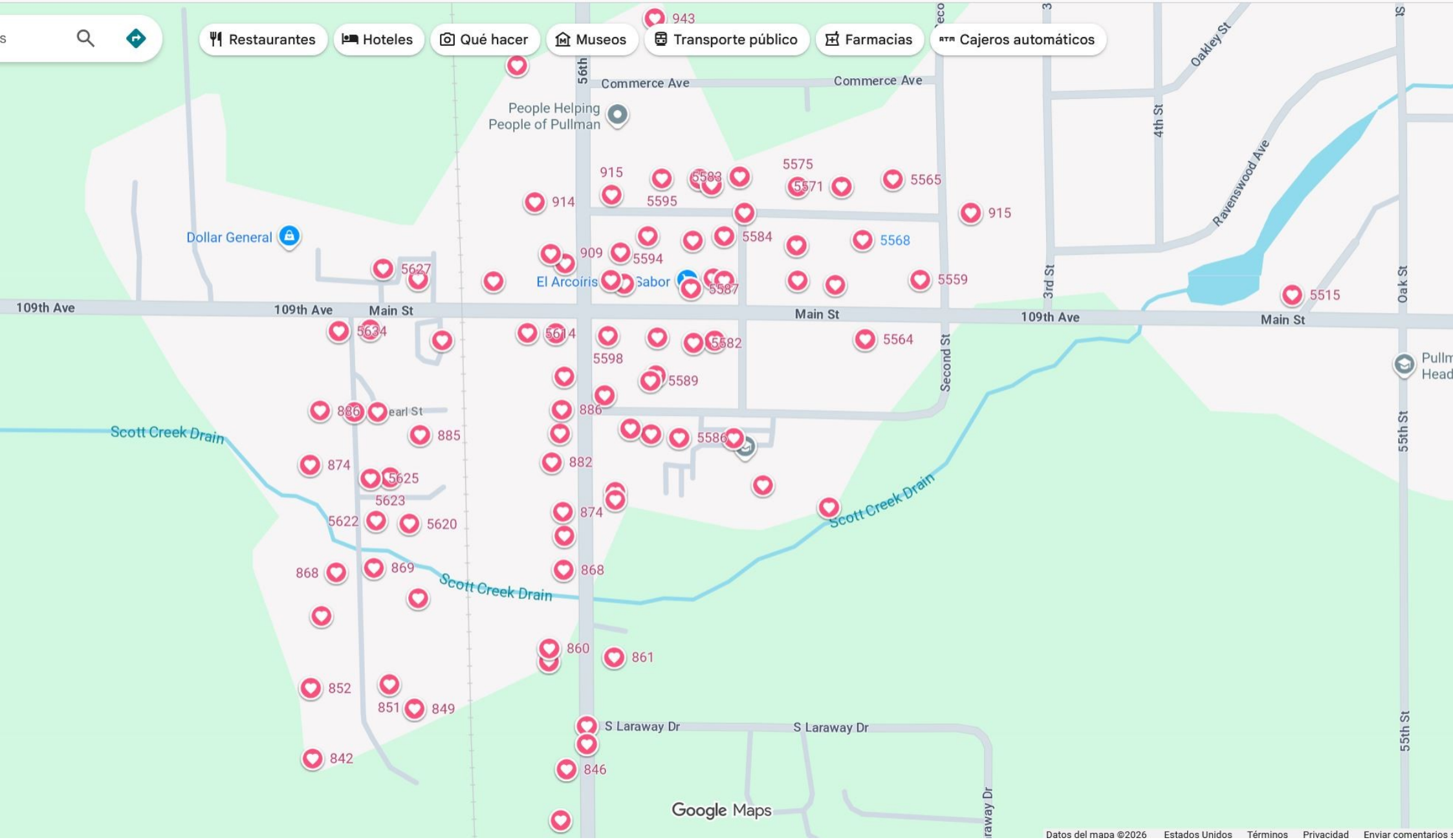
868 56TH PULLMAN 49450	1993	10/15/1993	TRICHLOROETHYLENE	0.0121	0.0002	Yes
868 56TH PULLMAN 49450	1996	06/05/1996	DICHLOROETHANE, 1,1-	0.0006	0.0005	Yes
868 56TH PULLMAN 49450	1996	06/05/1996	DICHLOROETHYLENE, 1,2-CIS	0.0055	0.0002	Yes
868 56TH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHYLENE	0.0031	0.0002	Yes
868 56TH PULLMAN 49450	1997	05/29/1997	CHLOROFORM	0.0213	0.0004	Yes
868 56TH PULLMAN 49450	1997	05/29/1997	METHYL ETHYL KETONE	0.14	0.02	Yes
868 56TH PULLMAN 49450	1997	05/29/1997	TETRAHYDROFURAN	0.048	0.005	Yes
868 56TH PULLMAN 49450	1997	06/22/1997	CHLOROFORM	0.0020	0.0004	Yes
869 PULLMAN PULLMAN 49450	2000	08/18/2000	TETRAHYDROFURAN	0.030	0.005	Yes
872 56TH PULLMAN 49450	1993	10/07/1993	DICHLORODIFLUOROMETHANE	0.001	0.001	Yes
872 56TH PULLMAN 49450	1993	10/07/1993	TRICHLOROETHYLENE	0.0011	0.0002	Yes
872 56TH PULLMAN 49450	1997	05/29/1997	CHLOROFORM	0.0062	0.0004	Yes
872 56TH PULLMAN 49450	1997	05/29/1997	TRICHLOROETHYLENE	0.0006	0.0002	Yes
872 56TH PULLMAN 49450	2002	01/14/2002	CHLOROFORM	0.0685	0.0004	Yes
872 56TH PULLMAN 49450	2002	01/14/2002	METHYLENE CHLORIDE	0.0011	0.0006	Yes
872 56TH PULLMAN 49450	2002	01/14/2002	TOLUENE	0.0012	0.0005	Yes
872 56TH PULLMAN 49450	2002	01/14/2002	XYLENES (TOTAL)	0.0005	0.0005	Yes
874 56TH PULLMAN 49450	1993	09/02/1993	DICHLOROETHANE, 1,1-	0.0007	0.0005	Yes
874 56TH PULLMAN 49450	1993	09/02/1993	DICHLOROETHYLENE, 1,1-	0.0018	0.0002	Yes
874 56TH PULLMAN 49450	1993	11/03/1993	TRICHLOROETHYLENE	0.0015	0.0002	Yes
874 56TH PULLMAN 49450	1996	05/06/1996	CHLOROFORM	0.0013	0.0002	Yes
874 56TH PULLMAN 49450	1996	05/16/1996	CHLOROFORM	0.0500	0.0002	Yes
874 56TH PULLMAN 49450	1996	05/16/1996	METHYLENE CHLORIDE	TRACE	0.0003	Trace
874 56TH PULLMAN 49450	1996	06/05/1996	TRICHLOROETHYLENE	TRACE	0.0002	Trace
874 56TH PULLMAN 49450	1997	06/22/1997	CHLOROFORM	0.0012	0.0004	Yes
874 56TH PULLMAN 49450	2003	11/05/2003	DICHLOROETHYLENE, 1 ,1-	0.0010	0.0002	Yes
874 56TH PULLMAN 49450	2003	11/05/2003	TETRACHLOROETHYLENE	0.0008	0.0002	Yes
874 56TH PULLMAN 49450	2003	11/05/2003	TRICHLOROETHANE, 1,1,1-	0.0032	0.0005	Yes
874 56TH PULLMAN 49450	2003	11/05/2003	TRICHLOROETHANE, 1,1,1-	0.0451	0.0002	Yes
874 56TH PULLMAN 49450	2003	11/05/2003	TRICHLOROETHYLENE	0.0949	0.0002	Yes
874 56TH PULLMAN 49450	2003	11/05/2003	XYLENE,ORTHO-	0.0005	0.0005	Yes
874 56TH PULLMAN 49450	2003	11/05/2003	XYLENES (TOTAL)	0.0024	0.0005	Yes
874 56TH PULLMAN 49450	2006	12/11/2006	STYRENE	0.0009	0.0005	Yes
874 56TH PULLMAN 49450	2008	03/07/2008	TRICHLOROETHANE, 1,1,1-	0.0013	0.0005	Yes
874 56TH PULLMAN 49450	2009	02/04/2009	TRICHLOROETHANE, 1,1,1-	0.0018	0.0005	Yes
874 56TH PULLMAN 49450	2009	02/04/2009	TRICHLOROETHYLENE	0.013	0.0005	Yes
874 PULLMAN PULLMAN 49450	1998	05/06/1998	TETRAHYDROFURAN	0.499	0.005	Yes
874 PULLMAN PULLMAN 49450	2000	08/18/2000	METHYL ETHYL KETONE	0.09	0.02	Yes
874 PULLMAN PULLMAN 49450	2000	08/18/2000	TETRAHYDROFURAN	0.111	0.005	Yes
874 PULLMAN PULLMAN 49450	2004	08/09/2004	METHYL ETHYL KETONE	0.007	0.005	Yes
874 PULLMAN PULLMAN 49450	2004	08/09/2004	TETRAHYDROFURAN	0.034	0.005	Yes
880 PULLMAN PULLMAN 49450	2000	08/18/2000	METHYLENE CHLORIDE	0.0006	0.0006	Yes
880 PULLMAN PULLMAN 49450	2000	08/18/2000	TRICHLOROETHANE, 1,1,1-	0.0005	0.0004	Yes

880 PULLMAN PULLMAN 49450	2001	10/02/2001	TRICHLOROETHANE, 1,1,1-	0.0005	0.0004	Yes
880 PULLMAN PULLMAN 49450	2002	02/25/2002	TRICHLOROETHANE,1,1,1-	TRACE	0.0004	Trace
880 PULLMAN PULLMAN 49450	2006	02/08/2006	TRICHLOROETHANE, 1,1,1-	0.0005	0.0005	Yes
880 PULLMAN PULLMAN 49450	2009	09/24/2009	TRICHLOROETHANE, 1,1,1-	TRACE	0.0005	Trace
882 567H PULLMAN 49450	1993	10/07/1993	DICHLOROETHANE, 1,1-	0.0006	0.0005	Yes
882 567H PULLMAN 49450	1993	10/07/1993	DICHLOROETHYLENE, 1,1-	0.0005	0.0002	Yes
882 567H PULLMAN 49450	1993	10/07/1993	TRICHLOROETHANE, 1,1,1-	0.0187	0.0002	Yes
882 567H PULLMAN 49450	1993	10/07/1993	TRICHLOROETHYLENE	0.0337	0.0002	Yes
882 567H PULLMAN 49450	1996	06/05/1996	DICHLOROETHYLENE, 1,2-ClS	0.0004	0.0002	Yes
882 567H PULLMAN 49450	1996	06/05/1996	DICHLOROETHYLENE,1,1-	0.0007	0.0002	Yes
882 567H PULLMAN 49450	1996	06/05/1996	TRICHLOROETHANE, 1,1,1-	0.0339	0.0002	Yes
882 567H PULLMAN 49450	1996	06/05/1996	TRICHLOROETHYLENE	0.0234	0.0002	Yes
882 567H PULLMAN 49450	1997	06/22/1997	CHLOROFORM	0.0101	0.0004	Yes
882 567H PULLMAN 49450	1997	10/22/1997	CHLOROFORM	0.0007	0.0004	Yes
884 56TH PULLMAN 49450	2006	01/31/2006	TRICHLOROETHANE, 1,1,1-	0.0005	0.0005	Yes
884 56TH PULLMAN 49450	2006	01/31/2006	TRICHLOROETHYLENE	0.0008	0.0005	Yes
884 56TH PULLMAN 49450	2007	01/03/2007	STYRENE	0.0006	0.0005	Yes
885 PEARL PULLMAN 49450		0/2003	TE HLOROETHYLENE	0.0023	0.0004	Yes
885 PEARL PULLMAN 49450		01	RACHLOROETHYLENE	0.0011	0.0005	Yes
885 PEARL PULLMAN 49450		07	RACHLOROETHYLENE	0.0015	0.0005	Yes
885 PEARL PULLMAN 49450		1	AACHLOROETHYLENE	0.0053	0.0005	Yes
885 PEARL PULLMAN 49450		1	LOROETHYLENE	0.0009	0.0005	Yes
885 PEARL PULLMAN 49450		1	RACHLOROETHYLENE	0.0018	0.0005	Yes
885 PEARL PULLMAN 49450		1	RACHLOROETHYLENE	0.0014	0.0005	Yes
885 PEARL PULLMAN 49450		1	T CHLOROETHYLENE	0.0029	0.0005	Yes
885 PEARL PULLMAN 49450		1	Tl CHLOROETHYLENE	0.0032	0.0005	Yes
885 PEARL PULLMAN 49450	1993	03/11/1993	TRICHLOROETHANE, 1,1,1-	0.0031	0.0002	Yes
885 PEARL PULLMAN 49450	1993	03/11/1993	TRICHLOROETHYLENE	0.0030	0.00015	Yes
885 PEARL PULLMAN 49450	1993	07/21/1993	TRICHLOROETHANE, 1,1,1-	0.0035	0.0002	Yes
885 PEARL PULLMAN 49450	1993	07/21/1993	TRICHLOROETHYLENE	0.0036	0.00015	Yes
885 PEARL PULLMAN 49450	1996	06/05/1996	TETRACHLOROETHYLENE	TRACE	0.0002	Trace
885 PEARL PULLMAN 49450	1996	06/05/1996	TRICHLOROETHANE, 1,1,1-	0.0010	0.0002	Yes
885 PEARL PULLMAN 49450	1996	06/05/1996	TRICHLOROETHYLENE	0.0010	0.0002	Yes
885 PEARL PULLMAN 49450	1997	07/30/1997	CHLOROFORM	0.0004	0.0004	Yes
885 PEARL PULLMAN 49450	1997	07/30/1997	TOLUENE	TRACE	0.0005	Trace
885 PEARL PULLMAN 49450	2007	04/13/2007	RACHLOROETHYLENE	0.0017	0.0005	Yes
886 567TH PULLMAN 49450	1996	06/26/1996	TRICHLOROETHANE, 1,1,1-	TRACE	0.0002	Trace
886 567TH PULLMAN 49450	1997	07/17/1997	CHLORODIBROMOMETHANE	0.0011	0.0004	Yes
886 567TH PULLMAN 49450	1997	07/17/1997	CHLOROFORM	0.0166	0.0004	Yes
886 567TH PULLMAN 49450	1997	07/17/1997	DICHLOROBROMOMETHANE	0.0053	0.0004	Yes
886 567TH PULLMAN 49450	1997	07/17/1997	METHYLENE CHLORIDE	TRACE	0.0006	Trace
887 567TH PULLMAN 49450	2001	02/05/2001	TRICHLOROETHANE, 1,1,1-	TRACE	0.0004	Trace
887 567TH PULLMAN 49450	2009	02/04/2009	CHLOROFORM	TRACE	0.0005	Trace

890 567TH PULLMAN 59450	1993	09/02/1993	DICHLORODIFLUOROMETHANE	0.027	0.001	Yes
890 567TH PULLMAN 59450	1996	06/26/1996	DICHLORODIFLUOROMETHANE	0.008	0.001	Yes
890 567TH PULLMAN 59450	1998	05/06/1998	DICHLORODIFLUOROMETHANE	0.008	0.001	Yes
890 567TH PULLMAN 59450	2000	08/18/2000	DICHLORODIFLUOROMETHANE	0.014	0.001	Yes
890 567TH PULLMAN 59450	2001	03/06/2001	DICHLORODIFLUOROMETHANE	0.005	0.001	Yes
890 567TH PULLMAN 59450	2002	01/08/2002	DICHLORODIFLUOROMETHANE	0.016	0.001	Yes
890 567TH PULLMAN 59450	2004	07/13/2004	DICHLORODIFLUOROMETHANE	0.084	0.001	Yes
890 567TH PULLMAN 59450	2007	01/03/2007	CHLOROFORM	TRACE	0.0005	Trace
890 567TH PULLMAN 59450	2008	02/05/2008	DICHLORODIFLUOROMETHANE	0.075	0.001	Yes
890 567TH PULLMAN 59450	2008	02/05/2008	METHYLENE CHLORIDE	0.0016	0.0006	Yes
909 56TH PULLMAN 49450	2010	09/20/2010	CHLOROFORM	0.0011	0.0005	Yes
910 56TH PULLMAN 49450	1994	08/04/1994	DICHLOROBENZENE, 1,4-	0.0005	0.0002	Yes
915 567TH PULLMAN 49450	2003	02/24/2003	DICHLOROETHYLENE, 1,1-	TRACE	0.0005	Trace
915 SECOND PULLMAN 49450	2000	09/07/2000	CHLOROFORM	0.0104	0.0004	Yes
915 SECOND PULLMAN 49450	2000	09/07/2000	CHLOROFORM	0.0063	0.0004	Yes
943 56TH PULLMAN 49450	2009	04/15/2009	TOLUENE	0.0007	0.0005	Yes

ALL TESTING BY LOCATION AND YEAR																					
Location	Total Tests	Positive Detections	Non-Detects	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
5498 109TH PULLMAN 49450	2	0	2			0/2															
5553 NORTH PULLMAN 49450	3	3	0					3/3													
5555 109TH PULLMAN 49450	1	0	1																		
5559 109TH PULLMAN 49450	4	1	3	0/1		0/1	1/2														
5562 109TH PULLMAN 49450	2	0	2	0/1		0/1															
5564 109TH PULLMAN 49450	5	1	4		0/1		0/1	0/1				1/2									
5565 NORTH PULLMAN 49450	8	0	8		0/1		0/1	0/1			0/1		0/1		0/1		0/1			0/1	
5568 NORTH PULLMAN 49450	16	9	7		4/4			5/5					0/1		0/1	0/1	0/2			0/1	
5569 NORTH PULLMAN 49450	1	0	1											0/1							
5571 109TH PULLMAN 49450	6	2	4	0/1			0/1	0/1	0/1		1/1	1/1									
5571 NORTH PULLMAN 49450	6	0	6				0/1					0/1		0/1	0/1		0/1			0/1	
5574 NORTH PULLMAN 49450	12	6	6		1/1		1/1	3/3					1/1		0/1		0/1	0/1	0/1	0/1	0/1
5575 109TH PULLMAN 49450	3	0	3		0/1											0/1	0/1				
5575 NORTH PULLMAN 49450	23	4	19					0/1				1/1	3/5	0/2	0/2	0/3	0/2	0/3	0/3		0/1
5576 109TH PULLMAN 49450	17	8	9	0/2	0/1	3/3	1/1	3/3						0/1	0/1	0/1	1/2		0/1	0/1	
5580 NORTH PULLMAN 49450	7	0	7	0/1	0/1	0/1		0/1						0/1					0/1		
5580 SOUTH PULLMAN 49450	7	0	7	0/1		0/2	0/1						0/1						0/1		0/1
5581 109TH PULLMAN 49450	15	8	7			0/1	1/1	7/7					0/1		0/1	0/1	0/2		0/1		
5582 109TH PULLMAN 49450	17	13	4	3/3			0/1	10/10				0/1							0/1	0/1	
5582 SOUTH PULLMAN 49450	5	5	0				2/2														
5583 NORTH PULLMAN 49450	8	3	5		0/1		3/3							0/1	0/1		0/1			0/1	
5584 1ST PULLMAN 49450	1	0	1			0/1															
5584 NORTH PULLMAN 49450	4	0	4												0/1		0/2			0/1	
5586 SOUTH PULLMAN 49450	17	10	7	3/3	1/2			5/5				0/2	0/1	0/1	0/1	1/1			0/1		
5587 109TH PULLMAN 49450	10	4	6		1/1			2/2			0/1		0/1	0/1		0/1	0/1	0/1			1/1
5587 NORTH PULLMAN 49450	9	1	8			0/1	0/1	1/1			0/1		0/2	0/1	0/1	0/1					
5588 109TH PULLMAN 49450	9	0	9									0/1	0/1	0/1	0/1	0/1	0/1		0/1	0/1	0/1
5588 NORTH PULLMAN 49450	16	11	5				1/1	7/7					0/1		0/1	0/1		0/1		0/1	3/3
5589 109TH PULLMAN 49450	1	0	1			0/1															
5590 SOUTH PULLMAN 49450	11	8	3				7/7	1/1				0/1			0/1		0/1				
5594 NORTH PULLMAN 49450	7	4	3	0/1										1/1	0/1	0/1	1/1	1/1		1/1	
5594 SOUTH PULLMAN 49450	13	9	4	3/3			2/2	2/2	2/3				0/1				0/1				0/1
5595 109TH PULLMAN 49450	1	0	1												0/1						
5595 NORTH PULLMAN 49450	2	1	1			1/1								0/1							
5598 109TH PULLMAN 49450	8	3	5		1/1			2/2					0/1	0/1		0/1	0/1	0/1			
5601 109TH PULLMAN 49450	8	0	8	0/1	0/1		0/1		0/1		0/1	0/1		0/1					0/1		
5604 109TH PULLMAN 49450	21	15	6	0/1				0/1			2/2	1/1	0/1	3/3	3/3	1/3	3/3	2/2			
5614 109TH PULLMAN 49450	6	0	6	0/1	0/1		0/1	0/1				0/1									
5615 109TH PULLMAN 49450	11	3	8						1/2		0/1	0/1		1/2	0/1	1/1	0/1		0/2		
5620 109TH PULLMAN 49450	5	5	0	2/2				3/3													
5620 GILPIN PULLMAN 49450	5	5	0	1/1			2/2		2/2												

5622 GILPIN PULLMAN 49450	4	4	0	1/1			3/3														
5623 109TH PULLMAN 49450	1	0	1								0/1										
5623 GILPIN PULLMAN 49450	5	1	4	1/2	0/1		0/1					0/1									
5625 109TH PULLMAN 49450	14	1	13	0/1		0/1	0/1	0/1	0/1		0/1	0/1	0/1	0/1			1/2		0/1	0/1	
5625 GILPIN PULLMAN 49450	8	7	1	2/2				3/3	1/1					1/2							
5627 109TH PULLMAN 49450	6	1	5		0/1		0/1							0/1	0/1		0/1		1/1		
5632 109TH PULLMAN 49450	7	6	1		1/1		2/2	3/3											0/1		
5634 109TH PULLMAN 49450	18	13	5	0/1		0/1	0/1		0/1		0/1	4/4	7/7	2/2							
5642 109TH PULLMAN 49450	1	0	1	0/1																	
730 58TH PULLMAN 49450	1	0	1					0/1													
816 567H PULLMAN 49450	1	0	1			0/1															
840 56TH PULLMAN 49450	13	6	7		2/3	1/1		3/4					0/1	0/1		0/1	0/2				
842 PULLMAN PULLMAN 49450	4	3	1				0/1	3/3													
846 56TH PULLMAN 49450	2	0	2		0/1	0/1															
847 56TH PULLMAN 49450	9	3	6	0/1		0/1		1/1							1/2	1/1	0/1			0/1	0/1
848 56TH PULLMAN 49450	2	1	1	0/1				1/1													
849 PULLMAN PULLMAN 49450	8	5	3					0/1		1/1			2/2	1/1	1/1		0/1	0/1			
851 PULLMAN PULLMAN 49450	5	5	0				1/1	4/4													
852 PULLMAN PULLMAN 49450	5	0	5	0/1			0/1	0/1	0/1		0/1										
860 56TH PULLMAN 49450	7	4	3	0/1		1/1		3/4								0/1					
862 PULLMAN PULLMAN 49450	2	0	2				0/1	0/1													
865 PULLMAN PULLMAN 49450	8	7	1	0/1			1/1	6/6													
868 56TH PULLMAN 49450	17	10	7	3/3			3/4	4/4					0/1			0/1	0/2		0/1	0/1	
868 PULLMAN PULLMAN 49450	6	0	6		0/1				0/1			0/1			0/1	0/1	0/1				
869 PULLMAN PULLMAN 49450	6	1	5	0/1	0/1		0/1	0/1			1/2										
872 56TH PULLMAN 49450	13	8	5	2/2				2/2					4/5	0/1	0/1	0/1				0/1	
874 56TH PULLMAN 49450	32	19	13	3/4			4/4	1/1				0/1	0/2	7/8	0/2	0/1	1/3		1/3	2/2	0/1
874 PULLMAN PULLMAN 49450	15	5	10	0/1	0/1	0/1	0/1		1/1		2/2	0/1	0/1		2/3				0/1	0/1	0/1
880 PULLMAN PULLMAN 49450	11	6	5	0/1				0/1	0/1		2/2	1/1	1/1		0/1		1/1		0/1	1/1	
882 567H PULLMAN 49450	18	10	8	4/4			4/5	2/2					0/1	0/1	0/1	0/1	0/1		0/1	0/1	
884 56TH PULLMAN 49450	16	3	13	0/1	0/1	0/1	0/1	0/1	0/1		0/1	0/1	0/1				2/3	1/1	0/2	0/1	
885 PEARL PULLMAN 49450	20	19	1	4/5			3/3	2/2										1/1			
886 567TH PULLMAN 49450	10	5	5		0/1	0/1	1/1	4/4					0/1	0/2							
886 PULLMAN PULLMAN 49450	4	0	4	0/1					0/1								0/1				0/1
887 567TH PULLMAN 49450	14	2	12	0/1	0/1	0/1	0/1	0/1	0/1		0/1	1/1		0/1	0/1	0/1	0/2			1/1	
890 567TH PULLMAN 59450	13	10	3	1/2			1/1		1/1		1/1	1/1	1/1	0/1	1/1	0/1		1/1	2/2		
909 56TH PULLMAN 49450	14	1	13		0/1		0/1	0/1			0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	1/1
910 56TH PULLMAN 49450	2	1	1		1/1	0/1															
914 56TH PULLMAN 49450	2	0	2		0/1		0/1														
915 567TH PULLMAN 49450	2	1	1	0/1										1/1							
915 SECOND PULLMAN 49450	6	2	4		0/1						2/3		0/1					0/1			
918 56TH PULLMAN 49450	1	0	1	0/1																	
926 56TH PULLMAN 49450	1	0	1																	0/1	
943 56TH PULLMAN 49450	1	1	0																	1/1	
962 PULLMAN PULLMAN 49450	1	0	1		0/1																
975 55TH PULLMAN 49450	1	0	1		0/1																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MAIN DATABASE								
Document number	Document Identifier	Document Name	Date	Institution	Type of document	Summary of contents	Relevance	Location
1	ID173	Warranty Deed	1951-1996	Various	Deeds	A series of warranty deeds conveying land plots to Pullman Industries from different owners between 1951 and 1996.	N/A	All of Pullman community
2	ID7	(Redacted) - Pullman Industries Incorporated- Articles of Incorporation	3/26/1951	Pullman Industries Inc.	Corporate document	Articles of incorporation of Pullman Industries Inc, including subsequent amendments and eventual notification of dissolution on Jan 22, 1987.	N/A	N/A
3	ID28	(Redacted) Dennis Murk and Leister Perrin- Discharge Permit Application	12/28/1977	MI Dept Natural Resources (DNR)	Permit application	Permit application to discharge water from a coin laundry and dry cleaning store into a private well.	N/A	5635 109th Ave
4	ID32	Murk- Courchaine MDNR - Acknowledgement of Discharge Permit Application	1/6/1978	MI Dept Natural Resources (DNR)	Letter	Receipt acknwledgement of the discharge permit application included in ID28.	N/A	5635 109th Ave
5	ID30	McDonald Pullman Industries Incorporated- Przybysz MDNR - Transmittal of Discharge Permit Application Forms	2/9/1978	MI Dept Natural Resources (DNR)	Letter	Application letter to apply for water discharge permits.	N/A	Pullman Industries´private well.
6	ID33	Murk- Przybysz MDNR - Notice of Intent to Deny Permit	2/9/1978	MI Dept Natural Resources (DNR)	Letter	Deny of permit requested in ID28 and instruction to hire engineering services and resubmit the application.	N/A	5635 109th Ave
7	ID27	Summary Regarding Compliance of Site Discharge	8/1/1978	MI Dept Natural Resources (DNR)	Letter	Related to water quality-based effluent limits for Pullman Industries.	N/A	N/A
8	ID31	Memo - Zollner MDNR- Przybysz MDNR - Briefing Memo Regarding Proposed NPDES Permit	8/1/1978	MI Dept Natural Resources (DNR)	Letter	Intra-office MDNR note informing of Pullman Industries Inc´s application to discharge 2,500 gallons per day of cooling water originating from its private well into a roadside ditch draining a short distance to Scott Creek. This is an ordinary permit.	N/A	Pullman Industries´private well.
9	ID26	Pullman Industries Incorporated- Courchaine MDNR - Notification of Monthly Operating Reports Requirement	6/4/1979	MI Dept Natural Resources (DNR)	Letter	Notification of Monthly Self-monitoring reports on wastewater management.	N/A	N/A
10	ID24	Irey Pullman Industries Incorporated- Zollner MDNR - Acknowledgement of Increased Use of Waters for Waste Disposal	9/23/1982	MI Dept Natural Resources (DNR)	Letter	Acknowledgement of Pullman Industries note indicating increased use of state water for waste disposal.	N/A	N/A
11	ID35	Unknown(12)	3/10/1983	MI Dept Natural Resources (DNR)	Note	Reminder to Pullman Industries to submit self-monitoring report.	N/A	N/A
12	ID25	McCracken MDNR- Hobrla MDNR - Water Quality-Based Effluent Limits for Site	9/27/1983	MI Dept Natural Resources (DNR)	Letter	Related to water quality-based effluent limits for Pullman Industries.	N/A	N/A
13	ID22	Irey Pullman Industries Incorporated- Edmondson MDNR - Request for Application for Reissuance of NPDES Permit - MI0039381	9/20/1984	MI Dept Natural Resources (DNR)	Letter	Reminder application for NPDES permit.	N/A	N/A
14	ID23	Irey Pullman Industries Incorporated- McCracken MDNR - Acknowledgement of Application for Reissuance of NPDES Permit - MI0039381	11/2/1984	MI Dept Natural Resources (DNR)	Letter	Acknowledgement application for NPDES permit.	N/A	N/A
15	ID19	(Redacted) 1984 Michigan Annual Report - Profit Corporations	1984	MI Dept of Commerce	Annual Report	Report showing the Pullman Industries corporation's financial condition at year´s end.	N/A	N/A
16	ID14	(Redacted) 1985 Michigan Annual Report - Profit Corporations	1985	MI Dept of Commerce	Annual Report	Report showing the Pullman Industries corporation's financial condition at year´s end.	N/A	N/A
17	ID15	(Redacted) 1986 Michigan Annual Report - Profit Corporations	1986	MI Dept of Commerce	Annual Report	Report showing the Pullman Industries corporation's financial condition at year´s end.	N/A	N/A
18	ID20	Chief MDNR- Turner Pullman Industries Incorporated - Notification of Compliance with NPDES Permit - MI0039390(1)	1/7/1986	Pullman Industries Inc.	Notification	Self-monitoring report confirming outfall flow rates are as authorized.	N/A	N/A
19	ID21	Chief MDNR- Turner Pullman Industries Incorporated - Notification of Compliance with NPDES Permit - MI0039390(2)	1/19/1987	Pullman Industries Inc.	Notification	Self-monitoring report confirming outfall flow rates are as authorized.	N/A	N/A
20	ID17	Moore MDNR- Vollmer MDNR - Information Regarding Site Self-Monitoring	8/24/1987	MI Dept Natural Resources (DNR)	Interpersonal message note	Three-line personal message on Pullman Industries. Not Relevant.	N/A	N/A
21	ID18	USEPA- NPDES Compliance Inspection Report - MI0039390	8/31/1988	MI Dept Natural Resources (DNR)	Report	Site inspection of Pullman Industries plant and outfall 1 and 2. All-satisfactory results. No mention of issues related to groundwater contamination.	N/A	N/A
22	ID11	MDPH- 3-1-1991 and 3-19-1991 Water Sampling Results	5/9/1991	Michigan DPH	Lab results report	Includes a detailed lab report of a contaminated sample from this well. Confirms detection of two contaminants (methylene chloride and dichlorodifluoromethane). Approves bottled water provision. Indicates that there was a "video shop" at this location.	VOC contamination detected.	860 56th St
23	ID10	May 1991	5/13/1991	MI Dept of Environmental Quality - Environmental Response Division	Site Scoring Worksheet	Site Scoring Worksheet for well on 860 56th St. Provides detailed assessment of contamination analysis. Includes area maps.	Confirms groundwater and residential well(s) are affected by methylene chloride (a solvent) contamination. Source and point of release are"unknown".	860 56th St
24	ID16	Cole MDNR- Cowles MDNR - Scoring and Environmental Contamination Status of Residential Well	6/24/1991	MI Dept Natural Resources (DNR)	Interoffice memo	Informs that contamination results for the well at 860 56th St, while relevant, do not meet the threshold for inclusion in Act 307 contamination lists. Detailed results appear in ID11.	N/A	860 56th St

25	ID12	PEAS Complaint-Response Form	11/15/1991	MI Dept of Environmental Quality - Environmental Response Division	Incident report	Pullman Industries informs of potential involuntary contamination incident with lead paint. Determination: "No adverse environmental problems" detected.	PII's first report that there may have been contamination "with lead" at the site.	N/A
26	ID69	(Redacted) Water Samples Collected in Lee Township	March 1993 through April 1994	Undefined	Lab results report	Water testing lab results for 50+ addresses.	These results confirm contamination in 27 sites in the Pullman vicinity.	All of Pullman community
27	ID8	(Redacted) Resident- Crigier MDPH - 860 56th Street Water Well Sampling Results	4/8/1993	Michigan DPH	Letter	Informs that samples analyzed for presence of volatile hydrocarbons at the well located at 860 56th St gave NEGATIVE results. Still, investigation in the area will continue (has been ongoing) and the advisory to not use tap water remains in place.	Confirms the existence of an ongoing investigation to define the magnitude of water contamination. No VOC detection.	860 56th St
28	ID6	Poynter MDNR- Ghavami MDNR - Informational Documents	8/20/1993	MI Dept Natural Resources (DNR)	Michigan Environmental Response Act (MERA) Authorization request memo	Approval to provide bottled water in response to three wells being contaminated: 860 56th St (methylene chloride), 885 Pullman Rd (trichloroethylene and 1,1,1,- trichloroethane), 5582 109th Ave, a business address (1,1,1,- trichloroethane).	Confirms that these three wells are contaminated. INCLUDES the MDPH Volatile Organic Sampling data sheets for the contamination sites.	860 56th St, 885 Pullman Rd, and 5582 109th Ave, a business address.
29	ID13	Rcor Terra- Crigier MDPH - 5582 109th Avenue Water Well Sampling Results	8/24/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1,1,-trichloroethane. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5582 109th Avenue
30	ID9	Crigier MDPH- Ghavami MDNR - Approval for Bottled Water Request	8/25/1993	MI Dept Natural Resources (DNR)	Michigan Environmental Response Act (MERA) Authorization request memo	Same contents as "Poynter MDNR- Ghavami MDNR - Informational Documents" dated 8/20/1993	VOC contamination detected.	860 56th St, 885 Pullman Rd, and 5582 109th Ave, a business address.
31	ID4	Hauck MDNR- Kolb Wilkins and Wheaton Environmental Services Incorporated - Request for Authorization of Disposal of Contaminated Soil	9/16/1993	Wilkins and Wheaton Environmental Services Inc.	Letter	The letter requests the MI Dept of Natural Resources retroactive authorization to remove more contaminated soil from the LUST site than previously estimated. The contractor already removed all the contaminated soil as landfill disposal was the quickest and cheapest remediation method to prevent a potential public health hazard.	440 cubic yards of contaminated soil from this LUST site have been disposed into an approved landfill.	LUST (Leaking Underground Storage Tank) site at the former Pullman Marathon/Pullman Auto Body, 5593 109th Avenue.
32	ID5	MERA Request for Authorization (2)	10/1/1993	MI Dept Natural Resources (DNR)	Michigan Environmental Response Act (MERA) Authorization request memo	Same contents as "Poynter MDNR- Ghavami MDNR - Informational Documents" dated 8/20/1993	VOC contamination detected.	860 56th St, 885 Pullman Rd, and 5582 109th Ave, a business address.
33	ID1	(Redacted) Residents- Crigier MDPH - Water Well Sampling Results and Bottled Water Form	10/6/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1,1-trichloroethane and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	Three locations: 5622 Gilpin, 5594 South Ave, and 5590 South Ave.
34	ID2	Bale Lee Township Hall- Crigier MDPH - 56th Street Water Well Sampling Results	10/18/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1-dichloroethane, 1,1-dichloroethylene, 1,2-cis dichloroethylene, 1,1,1-trichloroethane and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using the well water for drinking or cooking. Bottled water is being provided.	VOC contamination detected.	Well on 56th St.
35	ID3	(Redacted) Resident- Crigier MDPH - 872 56th Street Water Well Sampling Results	11/10/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically dichlorodifluoromethane and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	Well on 872 56th St
36	ID89	(Redacted) Resident- Crigier MDPH - 682 56th Street Water Well Sampling Results	11/10/1993	Michigan DPH	Letter	Informs of contamination with 4 different volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	682 56th St.
37	ID92	Bale Lee Township- Crigier MDPH - 877 56th Street Water Well Sampling Results	11/12/1993	Michigan DPH	Letter	Informs of contamination with 7 different volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water. This is a TYPE III public water supply facility.	VOC contamination detected.	877 56thSt (Lee Township Hall and Fire Barn)
38	ID93	Buchalco Pullman Industries Incorporated Poynter MDNR - Request for Remedial Work Plan to Address Noncompliance	11/12/1993	MI Dept Natural Resources (DNR)	Letter	Official notification to Pullman Industries that its plant is in noncompliance of environmental regulations leading to contamination of multiple water wells in the vicinity. MDNR requests Pullman Industries engages in a series of timely remedial steps.	Pullman Industries is told it's in noncompliance, affecting the vicinity, and must take remedial steps immediately. THIS SEEMS TO BE THE FIRST NOTIFICATION TO PII OF NONCOMPLIANCE.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

39	ID90	(Redacted) Resident- Crigier MDPH - 868 56th Street Water Well Sampling Results	11/24/1993	Michigan DPH	Letter	Informs of contamination with 3 different volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	868 56th St.
40	ID91	(Redacted) Resident- Crigier MDPH - 5586 South Water Well Sampling Results	11/24/1993	Michigan DPH	Letter	Informs of contamination with 3 different volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5586 South Ave
41	ID94	Poynter MDNR- Buchalco Pullman Industries Incorporated - Summary of Meeting Discussion	11/24/1993	Pullman Industries Inc.	Letter	PII response to MDNR ´s letter of noncompliance. Acknowledges potential responsibility and informs that Gove Associates will be engaged to take remedial steps.	PII SEEMS TO ACKNOWLEDGE FOR FIRST TIME THE CONTAMINATION SOURCING PROBLEM.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
42	ID84	Buchalco Pullman Industries Incorporated Crigier MDPH - Submittal of Requested Map and Water Quality Report	12/2/1993	Michigan DPH	Letter/Map	MDPH shares with Pullman Industries a map of the Pullman vicinity indicating the contaminated sites, and a VOC sampling report with the results of testing conducted in the Pullman community.	Letter includes a map of the first affected properties and lab results for each of them, including owner names. Useful reference.	All of Pullman community
43	ID87	Property Owner- Crigier MDPH - 874 56th Street Water Well Sampling Results	12/13/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	874 56th St
44	ID88	Property Owner- Crigier MDPH - 5625 Gilpin Water Well Sampling Results	12/13/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1,1,-trichloroethane and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5625 Gilpin St.
45	ID85	Laraway Laraway Movers- Crigier MDPH - 109th Avenue Water Well Sampling Results	12/21/1993	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water. This is a TYPE III public water supply facility.	VOC contamination detected.	5620 109th Ave (Laraway Movers)
46	ID86	Meeting Agenda and Notes	1/10/1994	Pullman Township	Meeting notes (handwritten)	Handwritten notes. Nothing significant.	N/A	N/A
47	ID83	Buchalco Pullman Industries Incorporated Crigier MDPH - 5576 109th Avenue Water Well Sampling Results	1/18/1994	Michigan DPH	Letter	Informs PII that sampling for VOCs was taken at this site and low levels of methyl tert-butyl ether were detected. These are related to unleaded gasoline. Given that this is a Type II site, further monitoring is necessary and is requested from Pullman Industries. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH).	Unharmful VOC trace detection.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
48	ID82	Blanchard Odd Fellows Hall- Crigier MDPH - 5587 109th Avenue Water Well Sampling Results	4/18/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water. This is a TYPE III public water supply facility.	VOC contamination detected.	5587 109th Ave. (OddFellows Hall)
49	ID80	Pullman Industries Incorporated- Soil Boring Log	4/21/1994	Gove Associates	Results log	Gove's soil boring log for the three monitoring wells at the Pullman Industries site. Hard to interpret the results. Linked to ID73.	Hard to interpret the results.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
50	ID78	Fire and Environmental Consulting Laboratories Incorporated- 4-21-1994 Soil Sampling Results - K13827-14	5/3/1994	Fire and Environmental Consulting Labs	Analytical lab report	Lab analysis contracted by Gove Associates for soil samples from their Monitoring Wells 1, 2, and 3 at the Pullman Industries site. The lab detects no VOC contamination at all in any of the three monitoring wells. Linked to ID73 and ID79.	No soil contamination detected in Gove ´s monitoring wells.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
51	ID79	Fire and Environmental Consulting Laboratories Incorporated- 4-25-1994 Groundwater Sampling Results - K13827-10	5/3/1994	Fire and Environmental Consulting Labs	Analytical lab report	Lab analysis contracted by Gove Associates for groundwater samples from their Monitoring Wells 1, 2, and 3 at the Pullman Industries site. The lab detects no VOC contamination at all in any of the three monitoring wells. Linked to ID73 and ID78.	No groundwater contamination detected in Gove ´s monitoring wells.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
52	ID74	(Redacted) Howard MDNR- Middaugh Michigan House of Representatives - Request for Response to Resident Letter	5/12/1994	MI HR Rep Middaugh	Letter	The HR Rep passes on to MDNR a constituent letter asking for help to resolve the Pullman contaminated water problem, which "has been going on since last August 1993 and nothing is getting done" by State or County officials.	N/A	Undefined
53	ID76	(Redacted) Resident- Crigier MDPH - 5568 North Water Well Sampling Results	5/17/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically chloroform, total trihalomethanes, and 1,1,1,-trichloroethane. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5568 North St
54	ID75	(Redacted) Larsen Larsen Hardware- Crigier MDPH - 840 56th Street Water Well Sampling Results	5/23/1994	Michigan DPH	Letter	Testing indicates that some low level of chloroform contaminant has been found in this well, but it ´s below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	840 56th St (Larsen Hardware).
55	ID77	Gove Associates Incorporated- Site Map	5/25/1994	Gove Associates	Area map	Map of the contaminated area including sites of former gas stations and other documented sources of contamination. See ID73 (Site History).	Useful map of documented sources of contamination.	Pullman vicinity
56	ID59	(Redacted) Citizen- Duling MDNR - Response to April 4 1994 Letter	5/31/1994	MI Dept Natural Resources (DNR)	Letter	MDNR response to a constituent who wrote to his/her US Rep in Congress about well contamination in the Pullman area. Investigations under way, responsibilities will be accounted for, and remedial action will be taken.	N/A	N/A

57	ID72	Buchalco Pullman Industries Incorporated Freed Gove Associates Incorporated - Installation and Sampling of Monitoring Wells	5/31/1994	Gove Associates	Technical Report	Analysis report contracted by Pullman Industries to set up three monitoring wells at the plant.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
58	ID73	(Redacted) Buchalco Pullman Industries Incorporated- Freed Gove Associates Incorporated - Phase I Site History and Records Review	5/31/1994	Gove Associates	Pullman Site History Report	Site History and State and Fedeal Records Review related to PII's potential contamination probe.	Provides useful background on the origin of the PII oil spill. Provides a list of all registered oil tanks and gas stations in the community.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
59	ID71	Bale Lee Township- Crigier MDPH - Update on Site Groundwater Investigation	6/10/1994	Michigan DPH	Letter	Letter from MDPH to Lee Township Supervisor providing an update on the contamination. Twenty contaminated wells have been detected, owners have been notified. MDPH establishes a Health Advisory Area in the affected vicinity. MDPH cannot guarantee monitoring so recommends limiting construction of new wells. Will explore the presence of deeper aquifers. Includes diagram map of affected area, with breakdown of contamination types.	Update to Lee Township on set up of Health Advisory Area. Possible exploration of deeper aquifer.	Over 20 wells in the Pullman vicinity.
60	ID68	(Redacted) Resident- Crigier MDPH - 5589 South Street Water Well Sampling Results	6/29/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1,1-trichloroethane. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their well water for drinking or cooking. Residents are offered to be provided bottled water "in lieu of monitoring", given that monitoring is not feasible at this time.	VOC contamination detected.	5589 South St.
61	ID65	(Redacted) Resident- Crigier MDPH - 5574 North Street Water Well Sampling Results	7/21/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5574 North St
62	ID70	VFW 6134- Crigier MDPH - 5632 109th Avenue Water Well Sampling Results	7/28/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically methylene chloride. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water. This is a TYPE III public water supply facility.	VOC contamination detected.	5632 109th Ave (VFW 6134)
63	ID67	MERA Request for Authorization	8/1/1994	Michigan DPH	Michigan Environmental Response Act (MERA) Authorization request memo	Bottle water service order corresponding to contamination with 9 different pollutants (Record ID60). Includes water testing lab results.	N/A	975 55th St. (Lower Scott Lake).
64	ID60	(Redacted) Resident- Crigier MDPH - 975 55th Street Water Well Sampling Results(1)	8/18/1994	Michigan DPH	Letter	[Same as ID64] Informs of contamination with 9 different types of volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	975 55th St. (Lower Scott Lake).
65	ID66	Crigier MDPH- Ghavami MDNR - Approval of Bottled Water Request	8/18/1994	MI Dept Natural Resources (DNR)	Interoffice memo	Approval for one-year of bottled water supply for affected residences	N/A	N/A
66	ID63	Soule MDNR- Poynter MDNR - Request for Scoring Information	8/24/1994	MI Dept Natural Resources (DNR)	Fax cover sheet with note	Request to MI National Features Inventory for Sensitive Environemtnal Resource (SER) data.	N/A	N/A
67	ID62	Poynter MDNR- Soule MDNR - Results of Request for Information for MNFI	8/25/1994	MI Natural Features inventory	Memo	Informs the MI Dept Natural Resources (DNR) that there is one fish species of concern in the Lower Scott Lake.	N/A	N/A
68	ID61	Crigier MDPH- Ghavami MDNR - Correction to Site Identification Number	8/26/1994	MI Dept Natural Resources (DNR)	Interoffice memo	Small correction to a previous memo (undefined).	N/A	N/A
69	ID57	(Redacted) Stone GTE- Crigier MDPH - 5598 109th Avenue Water Well Sampling Results	8/29/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5598 109th Ave (GTE)
70	ID64	(Redacted) Resident- Crigier MDPH - 975 55th Street Water Well Sampling Results(2)	8/29/1994	Michigan DPH	Letter	[Same as ID60] Informs of contamination with 9 different types of volatile halogenated and nonhalogenated hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	975 55th St. (Lower Scott Lake).
71	ID81	(Redacted) Resident- Crigier MDPH - 5620 Gilpin Water Well Sampling Results	11/4/1994	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to stop using their well water for drinking or cooking. Residents are offered bottled water.	VOC contamination detected.	5620 Gilpin St.
72	ID55	(Redacted) Resident- Crigier MDPH - 5577 109th Avenue Water Well Sampling Results	2/8/1995	Michigan DPH	Letter	Informs of contamination with volatile halogenated and nonhalogenated hydrocarbons, specifically 1,1,1-trichloroethane, tetrachloroethylene, and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their well water for drinking or cooking. Residents are offered to be provided bottled water "in lieu of monitoring", given that monitoring is not feasible at this time.	VOC contamination detected.	5577 109th Ave

73	ID58	Larson Video Shop- Crigier MDPH - 860 56th Street Water Well Sampling Results	2/8/1995	Michigan DPH	Letter	Informs that sampling for VOCs was taken at this water well and low levels of methylene chloride were detected. These represent a low health risk and no action must be taken at this time. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH).	Unharmful VOC trace detection.	860 56th St (Larson Video Shop)
74	ID50	Allegan County Health Department- Sanitary Survey	2/22/1995	MI Dept of Environmental Quality	Instructions letter and Survey	Sanitary survey conducted at Pullman Industries. Finds that the water system is not in compliance with construction standards. Document provides instructions for regular water supply sampling requirements. Water well record indicates that water is to be used for industrial processing only. Report indicates that 5 old wells must be abandoned.	Records indicating that Pullman Industries wells were defective and needed abandonment.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
75	ID52	Coffey MDNR- Miller Pullman Industries Incorporated - Requested Supporting Documents for NPDES Permit - MI0039390	4/18/1995	Pullman Industries Inc.	Letter	Letter from PII to MDNR submitting water test results for Outfall 001 indicating no contamination is detected. This is part of Pullman Industries' NPDES permit request in January 1995.	Water analyses conducted by Pullman Industries indicating no contamination in Outfall 001 detected.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
76	ID47	(Redacted) Howard MDNR- Anthony MDPH - MERA Request for Authorization	4/28/1995	Michigan DPH	Michigan Environmental Response Act (MERA) Authorization request memo	The background section confirms known contamination in the Pullman Industries' vicinity (20 wells confirmed, 20 other unconfirmed) with methylene chloride, trichloroethylene, tetrachloroethylene, and 1,1,1-trichloroethane. Also confirms an ongoing investigation "around an Act 307 site", because of which bottled water has been provided for some time and continues to be necessary as the investigation continues. Indicates that the township needs to conduct a feasibilty study to assess the type of alternate water supplies needed, and recommends funding be provided for it through FY95 Quality of Life bond funds. Includes area maps, including a map of Pullman village displaying which land plots/buildings have been contaminated and which are negative. It also includes detailed Volatile Organic Sampling lab test results for over 70 Street Addresses on 109th Ave and 56th St.	Confirms contamination for 20 wells near Pullman Industries and provides detailed lab results for over 70 street addresses in Pullman.	20 known contaminated wells and potentially another 20 in the vicinitiy of 5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
77	ID56	Miller Pullman Industries Incorporated- Coffey MDNR - Approval of Application for Modification of NPDES Permit - MI0039390	5/4/1995	MI Dept Natural Resources (DNR)	Letter	Notice to Pullman Industries that the NPDES (National Pollutant Discharge Elimination System)Permit request has been approved. See ID52	NPDES Permit approval in April 1995.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
78	ID53	Massoth MDNR- Norton MDNR - Request for Bond Funds Authorization	5/5/1995	MI Dept Natural Resources (DNR)	Interoffice memo	This memo is part of the RFA approval process to use bond funds for a water supply alternate study. See ID47.	N/A	20 known contaminated wells and potentially another 20 in the vicinitiy of 5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
79	ID54	Poynter MDNR- Coffey MDNR - Question Regarding Groundwater Contamination	5/18/1995	MI Dept Natural Resources (DNR)	Interoffice handwritten note	Brief handwritten note from Permits to Plainwell District Supervisor asking if there are concerns about the detected contamination in the Pullman Industries stie. No response recorded.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
80	ID49	(Redacted) Bale Lee Township- Lahti MDPH - Agreement for Provision of Alternate Water Supply	8/18/1995	Michigan DPH	Contract agreement forms	Contract documentation allowing Lee Township to hire services to conduct a water supply alternative study for the area of contamination (Pullman Rd and 109th Ave).	N/A	20 known contaminated wells and potentially another 20 in the vicinitiy of 5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
81	ID51	Bale Lee Township- Lahti MDPH - Copy of Act 451 Agreement and Financial Status Reporting Forms	11/1/1995	Michigan DPH	Letter	MPDH shares with Lee Township agreement to study alternative water supply options for Pullman . Linked to ID49.	N/A	20 known contaminated wells and potentially another 20 in the vicinitiy of 5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
82	ID170	(Redacted) Site Access Oral Permissions Status List	1996	Undefined	List	List of addresses with handwritten notes.	Appears to be a list of 72 addresses to which access for water well sampling was requested in 1996.	N/A
83	ID48	Crigier MDPH- Massoth MDEQ - Approval of Proposed Budget	2/21/1996	MI Dept of Environmental Quality - Environmental Response Division	Interoffice letter	Concurred request to increase funding allocation to conduct a "water supply alternative study" in"the area of contamination" 109th Ave and Pullman Rd.	N/A	20 known contaminated wells and potentially another 20 in the vicinitiy of 5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
84	ID142	Norton MDEQ- Soderberg MDEQ - Request for Bond Funds	4/23/1996	MI Dept of Environmental Quality	Internal memo	Supplemental funding request for the Alpha GeoSciences alternative water sources study.	N/A	N/A
85	ID139	(Redacted) Resident- Crigier MDEQ - 5564 109th Avenue Water Well Sampling Results	6/13/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5564 109th St.
86	ID138	Site Summary (3)	7/3/1996	MI Dept Natural Resources (DNR)	Situation Summary report	Background on contamination incident, summary of actions taken to date (bottled water, alternative water supply feasibility study, PII's "very limited" investigation [probably refers to the Grove Associates' report] , and $1M commitment in Bond Funds proposed),	Useful background and summary piece	N/A
87	ID143	(Redacted) Resident- Crigier MDEQ - Invitation to Public Meeting Regarding Groundwater Contamination	7/9/1996	MI Dept of Environmental Quality	Letter	Invitation to the affected Pullman residences to a public meeting to discuss the Alpha Geo Sciences report proposing alternative water supply options.	N/A	N/A
1135	ID111	Alpha Geosciences Incorporated- Lee Township Water Supply Alternatives Study Report	7/17/1996	Alpha GeoSciences	Report	Water Supply Alternatives Study Report	This is the alternative water sources report.	All of Pullman community
88	ID144	Bond Expenditure Request (2)	7/26/1996	MI Dept of Environmental Quality	Funding request form	Bond expenditure request form	N/A	N/A

89	ID140	Bale Lee Township- Lahti MDEQ - Copy of Contract Amendment 1	8/19/1996	MI Dept of Environmental Quality	Letter	Provides Lee Township with copy of Amendment 1 to agreement to study alternative water supply options.	N/A	N/A
90	ID136	Poynter MDEQ- Howard MDEQ - Bond Funds Authorization	8/20/1996	MI Dept of Environmental Quality	Internal memo	Notification of authorization of $1 million in Bond Funds to remediate the "Pullman Road and 109th" contamination incident affecting 23 residential and commercial water wells. Definition, removal, and disposal of the contamination source. Pledge to commit additional funds to an alternate water supply solution "in the near future".	$1 million committed to remediation/removal of contamination source.	All of Pullman community
91	ID137	Regenmorter Michigan State Capitol- Howard MDEQ - Notification of Site Funding and Activities	8/20/1996	MI Dept of Environmental Quality	Letter	Letter to MI State Senator Van Regenmorter informing of the $1M commitment to remediate/resolve the Pullman and 109th Ave contamination incident.	N/A	N/A
92	ID141	Hillegonds Michigan State Capitol- Howard MDEQ - Notification of Site Funding and Activities	8/20/1996	MI Dept of Environmental Quality	Letter	Letter to MI House Speaker Hillegonds informing of the $1M commitment to remediate/resolve the Pullman and 109th Ave contamination incident.	N/A	N/A
93	ID132	(Redacted) Block MDCH- Lahti MDEQ - Approval of Financial Status Report	8/21/1996	MI Dept of Environmental Quality	Internal memo	Request to proceed with a services payment for the alternate water study being conducted by Lee Township.	N/A	N/A
94	ID112	Pullman Hardware Store- Crigier MDEQ - 5614 109th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5614 109th Ave (Pullman Hardware Store).
95	ID113	Pullman Tavern- Crigier MDEQ - 5604 109th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5604 109th Ave (Pullman Tavern).
96	ID114	Total Gas Station- Crigier MDEQ - 5625 109th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5625 109th Ave (Total Gas Station).
97	ID115	US Post Office- Crigier MDEQ - 887 56th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	887 56th St (US Post Office).
98	ID116	(Redacted) Resident- Crigier MDEQ - 914 56th Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	914 56th St.
99	ID117	(Redacted) Residents- Crigier MDEQ - 915 Second Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	915 Second St.
100	ID118	Careys Family Restaurant- Crigier MDEQ - 5627 109th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5627 109th St. (Carey's Family Restaurant).
101	ID119	Pizza Plus- Crigier MDEQ - 5601 109th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5601 109th Ave. (Pizza Plus).
102	ID120	Property Owner- Crigier MDEQ - 874 Pullman Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	874 Pullman Ave.
103	ID121	Property Owner- Crigier MDEQ - 884 56th Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	884 56th St.
104	ID122	Pullman Elementary School- Crigier MDEQ - 5580 South Street Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5580 South St. (Pullman Elementary School).
105	ID123	(Redacted) Resident- Crigier MDEQ - 868 Pullman Road Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	868 Pullman Rd.
106	ID124	(Redacted) Resident- Crigier MDEQ - 869 Pullman Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	869 Pullman Rd.
107	ID125	(Redacted) Resident- Crigier MDEQ - 909 56th Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	909 56th St.
108	ID126	(Redacted) Resident- Crigier MDEQ - 5582 109th Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site. However, advisory to avoid using well water for drinking and cooking remains in place, and bottled water is still being offered.	VOC contamination NOT detected. Advisory to continue using bottled water.	5582 109th St.
109	ID127	(Redacted) Resident- Crigier MDEQ - 852 Pullman Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	852 Pullman Ave.
110	ID128	(Redacted) Resident- Crigier MDEQ - 862 Pullman Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	862 Pullman Ave.
111	ID129	(Redacted) Resident- Crigier MDEQ - 5587 North Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5587 North.
112	ID130	(Redacted) Resident- Crigier MDEQ - 5623 Gilpin Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5623 Gilpin St.
113	ID131	(Redacted) Resident- Crigier MDEQ - 5634 109th Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5634 109th St.

114	ID133	(Redacted) Resident- Crigier MDEQ - 5559 109th Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5559 109th St.
115	ID134	(Redacted) Resident- Crigier MDEQ - 5571 109th Avenue Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5571 109th St.
116	ID135	(Redacted) Resident- Crigier MDEQ - 5571 North Water Well Sampling Results	8/23/1996	MI Dept of Environmental Quality	Letter	Informs that volatile hydrocarbons were not detected at this site.	VOC contamination NOT detected.	5571 North St.
117	ID95	(Redacted) Resident- Crigier MDEQ - 868 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 2 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	868 56th St.
118	ID96	Hair Harbor- Crigier MDEQ - 890 56th Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of dichlorodifloromethane contaminant has been found in this well, but it´s below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	890 56th St (Hair Harbor)
119	ID97	Iversen MDEQ- Massoth MDEQ - Assignment of Site Project Director (2)	8/26/1996	MI Dept of Environmental Quality	Interoffice memo	Request to assign a Project Manager to the Pullman contamination incident response.	Indicates the $50k from the 1996 Bond Fund appropriation are assigned to the response.	N/A
120	ID98	Kens Discount- Crigier MDEQ - 886 56th Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of 1,1,1,-trichloroethane contaminant has been found in this well, but it´s below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	886 56th (Ken's Discount).
121	ID99	Odd Fellows- Crigier MDEQ - 5587 109th Avenue Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5587 109th Ave. (OddFellows Hall)
122	ID100	Property Owner- Crigier MDEQ - 5583 North Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5583 North.
123	ID101	Pullman VFW- Crigier MDEQ - 5632 109th Avenue Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically Dichlorobenzene 1,4. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5632 109th Ave (VFW 6134)
124	ID102	(Redacted) Resident- Crigier MDEQ - 842 Pullman Avenue Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with an unidentified volatile hydrocarbon. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	842 Pullman Ave.
125	ID103	(Redacted) Resident- Crigier MDEQ - 874 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	874 56th St.
126	ID104	(Redacted) Residents- Crigier MDEQ - 865 Pullman Avenue Water Well Sampling Results (2)	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of methylene chloride contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	865 Pullman Ave.
127	ID105	(Redacted) Residents- Crigier MDEQ - 5590 South Street Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 4 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5590 South St.
128	ID106	(Redacted) Resident- Crigier MDEQ - 851 Pullman Avenue Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of methylene chloride contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	851 Pullman Ave.
129	ID107	(Redacted) Resident- Crigier MDEQ - 882 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 4 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	882 56th St.
130	ID108	(Redacted) Resident- Crigier MDEQ - 885 Pearl Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	885 Pearl St.

131	ID109	(Redacted) Residents- Crigier MDEQ - 5582 South Street Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5582 South St.
132	ID110	(Redacted) Resident- Crigier MDEQ - 872 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	872 56th St.
133	ID186	(Redacted) Residents- Crigier MDEQ - 865 Pullman Avenue Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of methylene chloride contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	865 Pullman Ave.
134	ID187	Hair Harbor- Crigier MDEQ - 890 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of dichlorodifloromethane contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	890 56th (Hair Harbor)
135	ID188	Kens Discount- Crigier MDEQ - 886 56th Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Testing indicates that some low level of 1,1,1,- trichloroethane contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	886 56th (Ken's Discount).
136	ID190	Odd Fellows- Crigier MDEQ - 5587 109th Avenue Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5587 109th Ave. (Oddfellows Hall)
137	ID192	Property Owner- Crigier MDEQ - 5583 North Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemicals are associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5583 North.
138	ID193	Pullman VFW- Crigier MDEQ - 5632 109th Avenue Water Well Sampling Results	8/26/1996	MI Dept of Environmental Quality	Letter	Informs of continued contamination with a volatile hydrocarbon, specifically dichlorobenzene 1,4. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). The chemical is associated with gasoline, solvents, degreasers, and cleaning compounds. Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5632 109th Ave (VFW 6134)
139	ID194	Iversen MDEQ- Massoth MDEQ - Assignment of Site Project Director	8/26/1996	MI Dept of Environmental Quality	Internal memo	Assignment of Project Manager for ABB sampling project.	N/A	N/A
140	ID191	Poynter MDEQ- OHearn MDEQ - Conflict of Interest Check	8/27/1996	ABB	Letter	Letter regarding potential conflict of interest check. Nothing significant.	N/A	N/A
141	ID189	Massoth MDEQ- Iversen MDEQ - Assignment of Site Project Manager	8/29/1996	MI Dept of Environmental Quality	Internal memo	Assignment of Project Manager for ABB sampling project.	N/A	N/A
142	ID184	Iversen MDEQ- Poynter MDEQ - Recommendation of Site Consultant	9/3/1996	MI Dept of Environmental Quality	Letter	MDEQ PM recommendation to award ABB the sampling project.	N/A	N/A
143	ID185	OHearn ABB Environmental Services of Michigan- Iversen MDEQ - Update Regarding Work Contract of 1-11-1994	9/6/1996	MI Dept of Environmental Quality	Letter	Notification to ABB that sampling project can move forward.	Approval of ABB sampling project.	N/A
144	ID183	Access Requests Map	9/26/1996	ABB	Maps	Area map of properties requiring access for sampling collection.	N/A	All of Pullman community
145	ID181	Poynter MDEQ- Argentati ABB Environmental Services of Michigan Incorporated - Work Plan Outline and Preliminary Budget Estimate	10/4/1996	ABB	Work plan	Draft work plan outline submitted to MDEQ by ABB for project to conduct ground and water sampling at 27 locations in the Pullman community to identify cotaminant source areas for the contamination detected in residential wells by MDEQ.	N/A	All of Pullman community
146	ID180	Argentati ABB Environmental Services of Michigan Incorporated- Poynter MDEQ - Review of Work Plan Outline and Preliminary Budget Estimate	10/10/1996	MI Dept of Environmental Quality	Letter	MDEQ feedback to ABB on work plan outline and prelim budget estimate. Includes technical and project planning recommendations. Related to ID181.	N/A	N/A
147	ID174	(Redacted) Massoth MDEQ- Norton MDEQ - Request for Bond Funds	10/11/1996	MI Dept of Environmental Quality	Internal memo	Request for $200,000 in bond funds to be approved for "Pullman and 109th Ave" project, which includes installing 29 new four-inch wells into the protected aquifer, abandoning the old contaminated wells, and monitoring the water quality of the other 49 threatened wells. This comes after 1) bottle supply has been provided for some time, and 2) a water supply alternatives study has been conducted. Includes RFA checklists, map of affected properties, and lab testing results.	Document that approves the installation of 29 deeper wells connecting to the protected aquifer.	All of Pullman community
148	ID177	ABB Environmental Services of Michigan Incorporated- Draft Work Plan	10/21/1996	ABB	Work plan	Draft final work plan submitted to MDEQ by ABB for project to conduct ground and water sampling at 27 locations in the Pullman community to identify cotaminant source areas for the contamination detected in residential wells by MDEQ. Related to the various access request letters sent to Pullman residents by MDEQ in Nov 1996.	Ground and water sampling work plan, 1996.	All of Pullman community
149	ID178	Poynter MDNR- Merrick MDNR - Update on Conversation with Contact	10/24/1996	MI Dept of Environmental Quality	Internal note	Internal note. Nothing significant.	N/A	N/A

150	ID179	Argentati ABB Environmental Services of Michigan Incorporated- Poynter MDEQ - Acknowledgement of Receipt of Draft Work Plan	10/24/1996	MI Dept of Environmental Quality	Letter	Acknowledgement of receipt of draft work plan from ABB. See ID177.	N/A	N/A
151	ID151	(Redacted) Resident- Poynter MDEQ - 882 56th Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	882 56th St.
152	ID152	(Redacted) Resident- Poynter MDEQ - 884 56th Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	884 56th St.
153	ID153	(Redacted) Resident- Poynter MDEQ - 885 Pearl Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	885 Pearl St.
154	ID155	Laraway Laraway Movers- Poynter MDEQ - 5620 109th Avenue and 5615 109th Avenue Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5620 109th Ave (Laraway Movers) and 5615 109th Ave
155	ID156	Larson Video Shoppe- Poynter MDEQ - 860 56th Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	860 56th St (Larson Video Shop)
156	ID157	Postmaster Pullman Post Office- Poynter MDEQ - 887 56th Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	887 56th St (US Post Office).
157	ID159	(Redacted) Resident- Poynter MDEQ - 872 56th Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	872 56th St.
158	ID160	Bale Lee Township- Poynter MDEQ - 879 56th Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	879 56th St. (Lee Township)
159	ID161	Bale Pizza Plus- Poynter MDEQ - 5601 109th Avenue Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5601 109th Ave. (Pizza Plus).
160	ID162	Blanchard Oddfellows Hall- Poynter MDEQ - 5587 109th Avenue Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5587 109th Ave. (Oddfellows Hall)
161	ID163	(Redacted) Resident- Poynter MDEQ - 868 56th Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	868 56th St.
162	ID164	(Redacted) Resident- Poynter MDEQ - 5623 Gilpin Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5623 Gilpin St.
163	ID165	(Redacted) Resident- Poynter MDEQ - 5622 Gilpin Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5622 Gilpin St.
164	ID167	(Redacted) Resident- Poynter MDEQ - 5620 Gilpin Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5620 Gilpin St.
165	ID168	(Redacted) Resident- Poynter MDEQ - 5589 South Street Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5589 South St.
166	ID169	(Redacted) Resident- Poynter MDEQ - 5581 109th Avenue Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5581 109th Ave.
167	ID171	(Redacted) Resident- Poynter MDEQ - 5564 109th Avenue Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5564 109th Ave.
168	ID172	(Redacted) Resident- Poynter MDEQ - 5571 109th Avenue Requesting Access	11/4/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5571 109th Ave.
169	ID175	MDEQ- State-Funded Site Action Plan (2)	11/4/1996	MI Dept of Environmental Quality	Internal memo	Project memo including budget estimates for different line items related to remedial action to be completed in the Pullman community between 1996 and 1998.	Unclear how much of this was actually done or just planned.	All of Pullman community
170	ID182	5576 109th Avenue- Matthewson Pullman Industries Incorporated - Access Agreement	11/4/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by Pullman Industries for sampling purposes.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
171	ID145	(Redacted) MDEQ Laboratory- 03-01-1991 - 06-26-1996 Volatile Organic Sampling Results	11/5/1996	MI Dept of Environmental Quality	Lab analysis report	Record of water sample testing for volatile organic components between 1991 and 1996 in the Pullman community.	Useful summary of testing 1991-1996.	All of Pullman community
172	ID146	(Redacted) Resident- Poynter MDEQ - 874 56th Street Requesting Access	11/5/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	874 56th.
173	ID147	(Redacted) Resident- Poynter MDEQ - 5582 109th Avenue Requesting Access	11/5/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5582 109th Avenue
174	ID148	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5622 Gilpin St.

175	ID149	Kraska Pullman Elementary School-Poynter MDEQ - 5580 South Street Requesting Access	11/5/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5580 South St. (Pullman Elementary School).
176	ID150	Terra RCOR- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(2)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5582 109th Ave (Terra Rcor).
177	ID154	Daily Pullman VFW- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5632 109th Ave (VFW 6134)
178	ID158	Terra RCOR- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(1)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5588 North Pullman (Terra Rcor)
179	ID221	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(16)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5574 North.
180	ID222	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(21)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5625 Gilpin St.
181	ID223	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(22)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5568 North St.
182	ID224	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(23)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5594 South St.
183	ID226	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(11)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5577 109th Ave.
184	ID227	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(17)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5590 South St.
185	ID228	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(18)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5581 109th Ave.
186	ID229	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(19)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	886 56th (Ken's Discount).
187	ID230	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(20)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5586 South Ave.
188	ID231	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(6)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	872 56th St.
189	ID232	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(8)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	885 Pullman Ave.
190	ID233	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(10)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	842 Pullman Ave.
191	ID234	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(12)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5587 109th Ave. (Oddfellows Hall)
192	ID235	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(13)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	868 56th St.
193	ID236	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(14)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5620 Gilpin St.
194	ID237	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(15)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	874 56th.
195	ID238	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(7)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	882 56th St.
196	ID239	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(9)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	851 Pullman Ave.
197	ID240	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(1)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5583 North.
198	ID241	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(2)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5598 109th Ave
199	ID242	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(3)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5589 South St.
200	ID243	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(4)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	865 Pullman Ave.

201	ID244	(Redacted) Resident- Crigier MDEQ - Agreement-Waiver Form for Replacement Well Installation(5)	11/5/1996	MI Dept of Environmental Quality	Letter	Letter that is part of the admin process for the affected resident to join the well replacement program funded with the $1M Bond Funds allocation.	N/A	5620 109th Ave.
202	ID214	(Redacted) Parcel Master Listing by Selected Parcel	11/6/1996	Undefined	List	N/A	N/A	N/A
203	ID215	(Redacted) Resident- Poynter MDEQ - 5594 South Street Requesting Access	11/6/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5594 South St.
204	ID218	Brown Pullman Tavern- Poynter MDEQ - 5604 109th Avenue Requesting Access	11/6/1996	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	5604 109th Ave (Pullman Tavern).
205	ID225	Argentati ABB Environmental Services Incorporated- Poynter MDEQ - Property Access Agreements and Application and Permit Form	11/6/1996	MI Dept of Environmental Quality	Letter	Update to ABB about residential access agreements for sampling purposes.	N/A	All of Pullman community
206	ID216	Tipi CSX Engineering- Poynter MDEQ - Map of Proposed Sampling Locations and Site Access Permit	11/7/1996	MI Dept of Environmental Quality	Letter	Note to CSX Engineering indicating the propsed boring locations in their property.	N/A	CSX property.
207	ID219	McKay MDNR- Ballo MDNR - Meeting Notes	11/7/1996	MI Dept Natural Resources (DNR)	Internal memo	Internal memo indicating that a company called TMW Enterprises is exploring purchasing Pullman industries, wants to understand the scope of the contamination problem, potential liabilities, and offers help conducting the necessaary sampling analysis quickly.	TMW Enterprises explores purchasing PII.	N/A
208	ID176	1342 SR 89- Tipi CSX Transportation - Access Agreement	11/18/1996	CSX Transportation company	Permit document	Permit granting access to MI Dept of Envmtl Quality to take borings inside CSX property locations to sample water for possible contamination.	N/A	Unclear
209	ID217	Argentati ABB Environmental Services Incorporated- Poynter MDEQ - Comments on Draft Work Plan	11/20/1996	MI Dept of Environmental Quality	Letter	Feedback to ABB with suggested edits to the proposed work plan and a map of the proposed boring locations.	N/A	All of Pullman community
210	ID220	Request for Geological Review	11/22/1996	MI Dept of Environmental Quality	Internal memo	N/A	N/A	N/A
211	ID195	(Redacted) 5568 North Street- Resident - Access Agreement	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	5568 North St.
212	ID196	(Redacted) 5571 North Avenue- Resident - Access Agreement	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	5571 North St.
213	ID197	(Redacted) 5625 109th Avenue- Resident - Access Agreement	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	5625 109th Ave (Total Gas Station).
214	ID198	(Redacted) Resident- Duling MDEQ - 880 Pullman Street Requesting Access	12/5/1996	MI Dept of Environmental Quality	Letter	Property access request returned to sender (MDEQ) by property owner.	N/A	880 Pullman St.
215	ID199	(Redacted) 1046 62nd Street- Resident - Access Agreement (2)	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	Unclear
216	ID204	(Redacted) Resident- Duling MDEQ - 5583 128th Avenue Requesting Access	12/5/1996	MI Dept of Environmental Quality	Letter	Property access request returned to sender (MDEQ) by property owner.	N/A	Unclear
217	ID205	(Redacted) 1717 20th Street- Resident - Access Agreement	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	Unclear
218	ID206	(Redacted) Resident- Duling MDEQ - 5587 North Avenue Requesting Access	12/5/1996	MI Dept of Environmental Quality	Letter	Property access request returned to sender (MDEQ) by property owner.	N/A	5587 North.
219	ID208	5625 109th Avenue- Baugus Als Total - Access Agreement	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	5625 109th Ave (Total Gas Station).
220	ID209	(Redacted) Resident- Duling MDEQ - 5577 109th Avenue Requesting Access	12/5/1996	MI Dept of Environmental Quality	Letter	Property access request returned to sender (MDEQ) by property owner without signature.	N/A	5577 109th Ave.
221	ID210	(Redacted) Resident- Duling MDEQ - 1124 54th Street Requesting Access	12/5/1996	MI Dept of Environmental Quality	Letter	Property access request returned to sender (MDEQ) by property owner without signature.	N/A	Unclear
222	ID211	(Redacted) Resident- Duling MDEQ - 2640 113th Avenue Requesting Access	12/5/1996	MI Dept of Environmental Quality	Letter	Property access request returned to sender (MDEQ) by post office.	N/A	5589 North Ave
223	ID212	(Redacted) 2640 113th Street- Resident - Access Agreement	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	5589 North Ave
224	ID213	(Redacted) Resident- Duling MDEQ - 5562 109th Avenue Requesting Access	12/5/1996	MI Dept of Environmental Quality	Letter	Property access request returned to sender (MDEQ). Wrong owner.	N/A	5562 109th.
225	ID266	(Redacted) 5565 North Avenue- Resident - Access Agreement	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	5565 North Ave.
226	ID281	(Redacted) 865 Pullman Street- Resident - Access Agreement	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	865 Pullman Ave.

227	ID282	(Redacted) 5574 North Street- Resident - Access Agreement	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	5574 North.
228	ID288	(Redacted) 874 Pullman Street- Resident - Access Agreement	12/5/1996	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	874 Pullman Ave.
229	ID202	(Redacted) 5587 North Avenue- Resident - Denied Access	12/9/1996	Property Owner	Letter	Access request denial.	N/A	5587 North.
230	ID207	Argentati ABB Environmental Services of Michigan Incorporated- Poynter MDEQ - Approval of Final Work Plan	12/9/1996	MI Dept of Environmental Quality	Letter	ABB work plan approval. See ID177.	N/A	All of Pullman community
231	ID200	(Redacted) Resident- Crigier MDEQ - Second Agreement-Waiver Form for Replacement Well Installation(2)	12/10/1996	MI Dept of Environmental Quality	Letter	Second attempt to sign property owner for a well replacement.	N/A	5620 109th Ave (Laraway Movers)
232	ID201	(Redacted) Resident- Crigier MDEQ - Second Agreement-Waiver Form for Replacement Well Installation(3)	12/10/1996	MI Dept of Environmental Quality	Letter	Second attempt to sign property owner for a well replacement.	N/A	5581 109th Ave.
233	ID203	(Redacted) Resident- Crigier MDEQ - Second Agreement-Waiver Form for Replacement Well Installation(1)	12/10/1996	MI Dept of Environmental Quality	Letter	Second attempt to sign property owner for a well replacement.	N/A	5583 North.
234	ID45	Iversen MDEQ- Poynter MDEQ - Date Extension Request (2)	1997	MI Dept of Environmental Quality - Environmental Response Division	Intraoffice memo	Request for no-cost extension of contract with ABB Environmental Services.	N/A	N/A
235	ID285	(Redacted) 1046 62nd Street- Resident - Access Agreement	1/13/1997	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by property owner for sampling purposes.	N/A	1046 62nd St.
236	ID293	Iversen MDEQ- Poynter MDEQ - Augmentation for Additional Mobile Laboratory Services	1/13/1997	MI Dept of Environmental Quality	Internal memo	Internal project management and budgeting documentation.	N/A	N/A
237	ID292	MDEQ- State-Funded Site Action Plan	1/23/1997	MI Dept of Environmental Quality	Internal memo	Internal management status report of Pullman and 109th project.	N/A	N/A
238	ID290	Tipi CSX Transportation- Poynter MDEQ - Update on Tentative Field Work Dates	2/13/1997	MI Dept of Environmental Quality	Letter	Informs CSX Transportation company that March 25 through April 4 1997 are the sample collection dates at their property site.	N/A	CSX Transportation site.
239	ID289	Argentati ABB Environmental Services Incorporated- Poynter MDEQ - Transmittal of Signed Property Access Agreements	2/14/1997	MI Dept of Environmental Quality	Letter	Informs ABB that most (not all) residential sites targeted have granted permission for sample collection.	N/A	All of Pullman community
240	ID287	Argentati ABB Environmental Services Incorporated- Poynter MDEQ - Confirmation of Conversation Regarding Sampling Schedule	2/19/1997	MI Dept of Environmental Quality	Letter	Informs ABB of the sample collection dates (IMarch 25 through April 4 1997) and confirms that the MDEQ's Mobile lab will conduct analysis of samples.	Dates for ABB investigation field work set.	All of Pullman community
241	ID278	unknown(7)	March 1997	MI Dept of Environmental Quality	Internal memo	Internal management status report of Pullman and 109th project.	N/A	All of Pullman community
242	ID261	MDEQ- Copy of Field Book	March-April 1997	MI Dept of Environmental Quality	Fieldwork documents	Copy of field book used during fieldwork conducted with ABB.	N/A	All of Pullman community
243	ID267	Volatile Analysis Sample Report - 97-03-101	March-April 1997	MI Dept of Environmental Quality	Lab analysis report	MDEQ's Mobile Lab VOC analysis report from water and soil samples taken during ABBs investigation in March and April 1997. Includes only residential/commercial locations in the Pullman vicinity (PII site not included). Linked to ID259.	Lab results informing ABB's July 1997 report.	All of Pullman community
244	ID275	Field Book Entries	March-April 1997	MI Dept of Environmental Quality	Fieldwork documents	Copies of MDEQ field notes during ABB investigation in March-April 1997.	N/A	All of Pullman community
245	ID286	Poynter MDEQ- Duling MDEQ - Approval of Overtime for Mobile Lab Staff	3/11/1997	MI Dept of Environmental Quality	Internal memo	Internal management documents. Nothing significant.	N/A	N/A
246	ID283	ABB Environmental Services of Michigan Incorporated- Health and Safety Plan Part I	3/12/1997	ABB	Work plan	ABB´s health and safety plan for the Pullman investigation.	N/A	N/A
247	ID284	Troutman Lee Township- Agreement for Use of Electrical System for Mobile Laboratory	3/17/1997	Lee Township	Letter	Lee Township approval for MDEQ usage of public electric grid.	N/A	N/A
248	ID277	Shirey MDEQ- Massoth MDEQ - Request for Geoprobe Use	3/26/1997	MI Dept Natural Resources (DNR)	Internal memo	Nothing relevant.	N/A	N/A
249	ID280	unknown(9)	April 1997	MI Dept of Environmental Quality	Map	Map and list of 35 sites across Pullman where wells will be replaced.	Shows which wells were replaced in 1997 (35 of them)	All of Pullman community
250	ID276	Shirey MDEQ- Massoth MDEQ - Geoprobe Services	4/1/1997	MI Dept Natural Resources (DNR)	Internal memo	Nothing relevant.	N/A	N/A
251	ID271	4-5-1997 Water Sampling Results - 97-04-084	4/5/1997	MI Dept of Environmental Quality	Lab analysis report	Water sampling results from PII samples. Linked to ID268 and ID273. All listed as "non-detect".	Lab results for PII samples indicate NON-DETECT.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

252	ID268	Analysis Request Sheets (3)	4/11/1997	MI Dept of Environmental Quality	Lab analysis request form	Request for lab analysis of samples from PII site taken during the ABB investigation.	N/A	All of Pullman community
253	ID273	Analysis Request Sheet - 9704084	4/11/1997	MI Dept of Environmental Quality	Lab analysis request form	Request for lab analysis of samples from PII site taken during the ABB investigation.	N/A	All of Pullman community
254	ID270	4-5-1997 and 4-13-1997 Water Sampling Results - 97-04-085	4/13/1997	MI Dept of Environmental Quality	Lab analysis report	Water sampling results from PII samples. Linked to ID268 and ID273. All listed as "non-detect".	Lab results for PII samples indicate NON-DETECT.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
255	ID272	4-16-1997 Water Sampling Results - 97-04-110	4/16/1997	MI Dept of Environmental Quality	Lab analysis report	Water sampling results from PII samples of water drums 3 and 4. Linked to ID268. Identifies contamination with three types of contaminants. Linked to ID268 and ID273.	Lab results for PII samples Identify contamination with three types of contaminants.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
256	ID274	Argentati ABB Environmental Services Incorporated- Poynter MDEQ - Transmittal of Photographs and Field Notes	4/16/1997	MI Dept of Environmental Quality	Letter	Sharing photos and field notes with ABB.	N/A	All of Pullman community
257	ID279	unknown(8)	4/16/1997	MI Dept of Environmental Quality	Internal memo	Activity update on the fieldwork conducted at PII site uder ABB investigation.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
258	ID247	Poynter MDEQ- Mish ABB Environmental Services Incorporated - Copy of ABB Field Book 1	4/21/1997	ABB	Notebook	A 69-page handwritten notebook of ABB´s fieldwork during sampling collection in Pullman.	N/A	All of Pullman community
259	ID269	Cesarz Snell Environmental Group Incorporated- Poynter MDEQ - Transmittal of Requested Sampling Results	4/22/1997	MI Dept of Environmental Quality	Letter	MDEQ shares lab results from PII samples with Snell.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
260	ID259	3-24-1997 Mobile Lab Sampling Results - 97-03-101	5/7/1997	MI Dept of Environmental Quality	Lab analysis report	MDEQ's Mobile Lab VOC analysis report from water and soil samples taken during ABBs investigation in March and April 1997. Includes samples from PII site ditches, cisterns and tank.	Lab results informing ABB's July 1997 report.	All of Pullman community
261	ID264	Place Pullman Industries Incorporated- Poynter MDEQ - Transmittal of Map to MDEQ District Office	5/29/1997	MI Dept of Environmental Quality	Map	Location map for MDEQ Office location.	N/A	N/A
262	ID263	Argentati ABB Environmental Services Incorporated- Poynter MDEQ - Request for Geological Review Form and Additional File Information	6/2/1997	MI Dept of Environmental Quality	Letter	Provision of Allegan County Health Dept. documentation of pervious well inspections at PII, with "non-detect" results.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
263	ID265	Poynter MDEQ- Argentati ABB Environmental Services of Michigan Incorporated - Request for End Date Extension	6/3/1997	ABB	Letter	ABB request to MDEQ for a no-cost extension of the project end date until September 30, 1997.	N/A	N/A
264	ID262	Meeting Attendance (3)	6/5/1997	Undefined	Attendance list	Handwritten attendance list to an undefined meeting	N/A	N/A
265	ID245	ABB Environmental Services of Michigan Incorporated- Draft Interim Response Site Investigation Report	7/9/1997	ABB	Report	Report of ABB´s soil and groundwork sampling investigation, conducted in March and April 1997. ABB collected samples from soil borings in 38 locations. Collection includes 38 soil samples and 290 ground water samples for VOC lab analysis. Samples also collected from a drainage ditch at Pullman Industries discharging into Scott Creek. In parallel, MDEQ also collected samples from two cisterns and a drain at the Pullman Industries site. Key results: a shallow aquifer is present 4-7 feet underground. The primary contaminants identified in soil and groundwater are PCE, TCE and 1-1-1 TCA, which are common solvent and industrial degreasers. Another 12 contaminants were also identified in less concentration. The elevated concentrations found indicate that different Pullman Industries sites across the plant may be a release source for PCE and TCE into the soil and the groundwater, and the plume may originate from Pullman Industries. Given the extension of the Plume far beyond the plant (1200 feet long and 300 feet wide), it is possible that other source areas exist. Includes several detailed diagrammed maps of the contamination locations the boring sites etc, as well as all the lab results.	Definitive report indicating that Pullman Industries is most probably the source (though there may be others too) of the largest concentration of PCE, TCE, and 1-1-1-TCA. Basis for requiring remedial action from PII. Contains very useful visuals.	All of Pullman community
266	ID260	Matthewson Pullman Industries Incorporated- Poynter MDEQ - Submittal of Draft Interim Response Investigation Report	7/15/1997	MI Dept of Environmental Quality	Letter	Letter to Pullman Industries providing the ABB investigation report, intended to help draft a remediation plan for the contamination at the facility.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
267	ID256	MDEQ- Water Well and Pump Records	8/31/1997 - 9/20/1997	MI Dept of Environmental Quality	Fieldwork documents	Fieldwork technical notes from installation of 37 new water wells by Foune Well Drilling Co.	N/A	All of Pullman community
268	ID257	Snell Environmental Group Incorporated- Geoprobe Investigation Work Plan	9/3/1997	Snell Environmental Group (on behalf of Pullman Industries)	Work plan	Snell's work plan to evaluate the extent of the plume. Will place 3 Geoprobe borings and take 6 soil samples around the PII site. Delivered to MDEQ.	This is part of Pullman Industries' remedial actions.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
269	ID258	Place Pullman Industries Incorporated- Poynter MDEQ - Approval of Work Plan	9/4/1997	MI Dept of Environmental Quality	Letter	Snell's work plan is approved by MDEQ.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
270	ID251	(Redacted) Banker MDEQ- Lahti MDEQ - Well Construction Invoices (2)	9/5/1997	MI Dept of Environmental Quality	Internal memo	Memo requesting payment to contractor for installing 8 new replacement wells (out of a total of 29). All 29 have already been drilled.	8 replacement wells already installed by Sep 1997.	All of Pullman community
271	ID254	Analysis Request Sheet - 97-09-115	9/12/1997	MI Dept of Environmental Quality	Lab analysis order	Request for lab analysis of samples	N/A	N/A
272	ID253	Place Pullman Industries Incorporated- Poynter MDEQ - Analytical Results and Removal of Purge Water Drums	9/15/1997	MI Dept of Environmental Quality	Letter	Letter sharing the ABB report's results and analysis and requesting the cleaning/disposing of contaminating tanks and barrels.	Letter that notifies Pullman Industries that 3 barrels and an underground tank in their property are responsible for the contamination plume.	N/A

273	ID255	Iversen MDEQ- Poynter MDEQ - Date Extension Request	9/15/1997	MI Dept of Environmental Quality	Internal memo	No-Cost extension request for the ABB investigation project.	N/A	N/A
274	ID252	Argentati ABB Environmental Services of Michigan Incorporated- Poynter MDEQ - Approval of Draft Interim Response Investigation Report	9/17/1997	MI Dept of Environmental Quality	Letter	Letter to ABB confirming that the investigation report provided can be considered final.	N/A	N/A
275	ID246	9-11-1997 Sediment Sampling Results - 97-09-115	9/23/1997	MI Dept of Environmental Quality	Lab analysis report	Lab report apparently of the boring holes opened by ABB in March 1997, six months earlier (but unclear if this is the case or not). All results are ND, but not clear how to interpret this in the contenxt of the contamination.	Unclear how to interpret these results because purpose and scope of these lab results is not specified.	Undefined
276	ID250	Poynter MDEQ- OBrien Dean and Fulkerson PC - Response to Letter Regarding Removal of Purge Water Drums	9/29/1997	Dean & Fulkerson (Legal Advisors to PII)	Letter	Letter indicating that PII is willing to dispose of the three barrels of purge water and the underground tank. Argues that the underground tank is not actually its responsibility because it was placed there by a previous company. Linked to ID253.	MDEQ-PII engagement to dispose of sources of contamination.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
277	ID249	OBrien Dean and Fulkerson PC- Poynter MDEQ - Information Regarding Purge Water Drums Removal	10/8/1997	MI Dept of Environmental Quality	Letter	MDEQ letter to Pullman Industries thanking their predisposition to dispose of the barrels and underground tank that are believed to be the source of contamination, and requesting next steps. Linked to ID253.	MDEQ-PII engagement to dispose of sources of contamination.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
278	ID343	Poynter MDEQ- Massoth MDEQ - Update Regarding Replacement Wells	10/23/1997	MI Dept of Environmental Quality	Internal memo	Internal MDEQ discussion about getting PII involved in resolving the situation of 8 replacement wells that are not functioning properly.	First mention of getting PII to cost-share the Type III water well serving 8 addresses.	All of Pullman community
279	ID248	Village of Pullman	10/29/1997	Undefined	Map	Diagram map of the Pullman community, displaying all the affected locations.	Visual of the affected locations as of October 1997.	All of Pullman community
280	ID339	(Redacted) Banker MDEQ- Lahti MDEQ - Well Construction Invoices	10/29/1997	MI Dept of Environmental Quality	Internal memo	Internal project management and budgeting documentation.	N/A	All of Pullman community
281	ID330	(Redacted) Resident- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply(5)	11/10/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	886 56th St.
282	ID331	(Redacted) Resident- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply(6)	11/10/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	860 56th St (Larson Video Shop)
283	ID332	(Redacted) Resident- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply(7)	11/10/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	874 56th.
284	ID336	(Redacted) Resident- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply(4)	11/10/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5594 South St.
285	ID337	Laraway Laraway Movers- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply	11/10/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5620 109th Ave (Laraway Movers)
286	ID338	Troutman- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply	11/10/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5589 South St.
287	ID340	(Redacted) Resident- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply(1)	11/10/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5586 South Ave.
288	ID341	(Redacted) Resident- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply(2)	11/10/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	882 56th St.
289	ID342	(Redacted) Resident- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply(3)	11/10/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5590 South St.
290	ID333	Blanchard Odd Fellows Hall- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply	11/20/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5587 109th Ave. (Oddfellows Hall)
291	ID334	Rcor Terra Incorporated- Crigier MDEQ - Informational Documents Regarding Replacement Water Supply	11/20/1997	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5582 109th Ave (Terra Rcor).
292	ID329	Snell Environmental Group Incorporated- Interim Response Work Plan	11/25/1997	Snell Environmental Group (on behalf of Pullman Industries)	Work plan	Snell work plan to conduct remedial actions at PII plant site, including: remove/clean sludges, clean out cistern, remove 4 water drums, install and operate a portable Soil Vapor Extraction (SVE) system.	Snell remedial actions to be conducted at PII plant site (eventually takes place in April 1998).	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
293	ID335	Troutman Lee Township Hall- Poynter MDEQ - Return of Lee Township Fire Hall Key	12/8/1997	MI Dept of Environmental Quality	Letter	Nothing relevant.	N/A	N/A
294	ID328	OBrien Dean and Fulkerson PC- Poynter MDEQ - Conditional Approval of Interim Response Work Plan	12/9/1997	MI Dept of Environmental Quality	Letter	MDEQ feedback on Snell work plan to conduct 0remedial actions at PII plant site (eventuially takes place in April 1998).	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
295	ID325	(Redacted) Capacity Pump Test	12/11/1997	Undefined	Technical update	Technical update. Nothing significant.	N/A	All of Pullman community
296	ID291	(Redacted) Wahl MDEQ- Poynter MDEQ - Request for Changes to Field Requisition Form	12/12/1997	MI Dept of Environmental Quality	Internal memo	Internal project management and budgeting documentation.	N/A	N/A
297	ID326	Crawley MDEQ- Poynter MDEQ - Project Close Out	12/15/1997	MI Dept of Environmental Quality	Letter	Notice confirming ABB investigation project closeout.	Closeout docs for ABB investigation April 1997.	All of Pullman community
298	ID323	Poynter MDEQ- OBrien Dean and Fulkerson PC - Response to Comments and Concerns Regarding Work Plan	12/18/1997	Dean & Fulkerson (Legal Advisors to PII)	Letter	Back-and-forth on Snell work plan considerations.	N/A	N/A

299	ID327	Meeting Attendance (2)	12/18/1997	Undefined	Handwritten notes	List of attendees to a meeting between MDEQ and PII dated 12/18/1997	N/A	N/A
300	ID316	(Redacted) Duling MDEQ- Lahti MDEQ - Request for Approval of Sites for Drinking Water Well Monitoring	12/29/1997	MI Dept of Environmental Quality	Internal memo	Internal management documents. Nothing significant.	N/A	All of Pullman community
301	ID314	Poynter MDEQ- OBrien Dean and Fulkerson PC - Site Historical Documents	1/9/1998	Dean & Fulkerson (Legal Advisors to PII)	Letter	Provides background documentation to MDEQ about the separation between "old" and "new" Pullman Industries, to argue that "new" PII is not liable for previous contamination done by "old" PII.	First mention of potential liability for PII over the contaminated plume.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
302	ID322	Iversen MDEQ- Poynter MDEQ - Update Regarding Scope of Work	1/26/1998	MI Dept of Environmental Quality	Internal memo	Internal management documents. Nothing significant.	N/A	N/A
303	ID320	(Redacted) Volatile Organic Sampling Results	1/29/1998	MI Dept of Environmental Quality	Lab analysis report	VOC sampling results from tests conducted in the Pullman vicinity between 1991 and 1997. VOCs are still being detected at several test sites by Oct 1997.	VOCs are still being detected at several test sites by Oct 1997.	All of Pullman community
304	ID321	Duling MDEQ- OBrien Dean and Fulkerson PC - Notice of Intent to Perform an Environmental Audit	1/29/1998	Dean & Fulkerson (Legal Advisors to PII)	Letter	Informs MDEQ that PII will conduct an environmental audit at its facilities "within the next six months".	PII environmental audit planned for first half of 1998.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
305	ID324	unknown(5)	3/27/1998	MI Dept of Environmental Quality	Internal memo	Internal management status report on 860 56th Str specific project.	N/A	860 56th St (Larson Video Shop)
306	ID315	Poynter MDEQ- Cesarz Snell Environmental Group Incorporated - Notice of On Site Work and Tentative Schedule	3/31/1998	Snell Environmental Group (on behalf of Pullman Industries)	Letter	Snell informs MDEQ of the scope of work for its remedial actions at the PII plant site and a planned schedule of implementation (April 1998).	Details the extent of the remedial action done by Snell on behalf of PII.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
307	ID311	(Redacted) Resident- Crigier MDEQ - Submittal of Replacement Water Supply Documents(1)	4/8/1998	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5568 North St.
308	ID312	(Redacted) Resident- Crigier MDEQ - Submittal of Replacement Water Supply Documents(2)	4/8/1998	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5583 North.
309	ID301	Site Photographs	4/14/1998	Undefined	Photographs	Photos apparently of boring and/or well replacement work being done at PII and/or other locations.	Visuals of fieldwork being conducted	All of Pullman community
310	ID319	unknown(6)	4/17/1998	MI Dept of Environmental Quality	Fieldwork documents	MDEQ field report from observing Snell working on the destruction and removal of the cistern under PII site.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
311	ID306	(Redacted) Resident- Crigier MDEQ - Submittal of Replacement Water Supply Documents(6)	5/8/1998	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5574 North.
312	ID309	(Redacted) Resident- Crigier MDEQ - Submittal of Replacement Water Supply Documents(5)	5/8/1998	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	868 56th St.
313	ID310	(Redacted) Resident- Crigier MDEQ - Submittal of Replacement Water Supply Documents(4)	5/8/1998	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5580 North St.
314	ID313	(Redacted) Resident- Crigier MDEQ - Submittal of Replacement Water Supply Documents(3)	5/8/1998	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	872 56th St.
315	ID307	(Redacted) Resident- Crigier MDEQ - Submittal of Replacement Water Supply Documents(7)	5/14/1998	MI Dept of Environmental Quality	Letter	Letter informing that a replacement well has been installed and functions well, and VOC tests have been conducted and VOCs have not been detected.	Replacement well installed and functioning well.	5577 109th Ave.
316	ID305	(Redacted) Resident- Crigier MDEQ - 5594 South Water Well Sampling Results	6/11/1998	MI Dept of Environmental Quality	Letter	Testing conducted on 4/29/1998 indicates that VOCs were not deteced at this property.	VOC contamination NOT detected.	5594 South St.
317	ID308	Troutman Lee Township- Lahti MDEQ - Approval of Funds for Construction of Type III Public Water System	6/11/1998	MI Dept of Environmental Quality	Letter	Informs the Township that Quality of Life Bond funds for $100,000 are approved to fund the Type III well serving 7 households in Pullman.	N/A	All of Pullman community
318	ID296	(Redacted) Troutman Lee Township- Lahti MDEQ - Agreement for Provision of a Type III Public Water System	7/16/1998	MI Dept of Environmental Quality	Contract agreement	Contract agreement between MDEQ and Lee Township to construct a Type III public water well system owned by the Township to serve 6 residences and 1 business along Pullman, Gilpin, and 109th Avenues. Total cost $100,000.	MDEQ $100,000 grant to construct a Type III water system serving 7 sites in Pullman.	All of Pullman community
319	ID303	(Redacted) Crigier MDEQ- Notification of Discontinuation of Groundwater Monitoring Activities	10/6/1998	MI Dept of Environmental Quality	Letter	Template letter notifying 3 addresses that VOC monitoring in their wells (which has been going on quarterly since 1996) will cease because no traces have been identified since the beginning of the monitoring program.	Monitoring ceases at three addresses unaffected by VOCs.	846, 847, and 848 and 56th St
320	ID302	(Redacted) Crigier MDEQ- Notification of Construction of Type III Water System	11/6/1998	MI Dept of Environmental Quality	Letter	Template letter to be sent to 7 addresses in Pullman notifying them of the construction of a Type III well system to serve their water supply needs, given that the new individual wells installed for them after the containation are not functioning properly.	Notification to 7 target addresses of Type III well construction to serve them.	All of Pullman community
321	ID295	(Redacted) Resident- Crigier MDEQ - 5620 Gilpin Water Well Sampling Results	1/8/1999	MI Dept of Environmental Quality	Letter	Informs of continued contamination with 4 different volatile hydrocarbons. Groundwater samples from 11/4/1998 were analyzed by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to continue to avoid using their well water for drinking or cooking. Residents are still being provided bottled water.	VOC contamination detected.	5620 Gilpin St.
322	ID317	unknown(3)	2/10/1999	MI Dept of Environmental Quality	Internal memo	Internal management status report of Pullman and 109th project.	N/A	All of Pullman community
323	ID304	Poynter MDEQ- OBrien Dean and Fulkerson PC - Confirmation of Planned Meeting	2/25/1999	Dean & Fulkerson (Legal Advisors to PII)	Letter	Letter to MDEQ confirming assistance to the 3/26/1999 PII-DMEQ meeting and pushing for a conversation on PII's potential legal liabilities.	PII legal liability conversation happening in this period.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
324	ID300	Chicago Title Insurance Company- Commitment for Title Insurance	March 1999	Chicago Title Insurance	Contract agreement	N/A	N/A	N/A

325	ID294	MDCIS- Historical Property Documents	3/8/1999	Pullman Industries Inc.	Corporate files	C&M and Pullman Industries articles of incorporation and subsequent ammendments.	N/A	N/A
326	ID40	Unknown(10)	3/9/1999	Devon Title Company	Title search results	Lists land titles, mortgages, and related taxes linked to Pullman Industries since 1951.	N/A	N/A
327	ID299	Wilson MDEQ- Poynter MDEQ - Additional Site Details	3/22/1999	MI Dept of Environmental Quality	Email	MDEQ mentions that a liability consultation has been made to determine PII´s liability on the plume, and that PII is interested in coming to an agreement to contribute significantly to remediate the situation (beyond removing soil and the cistern) to avoid legal liability. Indicates that the ABB study in April 1997 defined well the scope of the plume, which stemmed directly from PII. Explains that some of the new wells installed since 1997 do not function properly.	Very useful background piece. Legal liability discussion, plume well defined, some wells not functioning properly.	All of Pullman community
328	ID297	Meeting Notes (2)	3/26/1999	MI Dept of Environmental Quality	Notes	Handwritten notes from a planning meeting between MDEQ and Pullman Industries. DWRPD has replaced 28 wells. Township has agreed to take ownership of Type III public well. PII may donate the location site. No indication of further contamination releases from Pullman Industries at this time. Cistern has been removed.	At this point, there is no indication that Pullman Industries is still releasing contaminants.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
329	ID298	Poynter MDEQ- OBrien Dean and Fulkerson PC - Acknowledgement of March 26 1999 Meeting Discussion	3/29/1999	Dean & Fulkerson (Legal Advisors to PII)	Letter	Thanks MDEQ for a fruitful 3/26/1999 meeting (ID297). Seeks confirmation that MDEQ will recommend a determination that PII is not legally liable for the contamination source underneath the plant (inasmuch as it was inherited from the "old" Pullman Industries corporation).	D&F seeks to push MDEQ for a determination of "not liable" for PII.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
330	ID386	unknown (7)	April 1999	MI Dept of Environmental Quality	Internal memo	Internal management status report of Pullman and 109th project.	N/A	All of Pullman community
331	ID318	unknown(4)	4/5/1999	MI Dept of Environmental Quality	Internal memo	Internal management status report of Pullman and 109th project.	Provides useful background. Bottled water supplied since 1991. DWRPD installed residential wells in 1997, but many provide water in unproductive quantity for users. PII has agreed to cover costs for a Type III water system for residential use, serve as water source for school, and donate a small site to place the Type III well.	All of Pullman community
332	ID384	Cobe MDEQ- Elmleaf MDEQ - Liability Consult for Pullman Road	4/26/1999	MI Dept of Environmental Quality	Email	Email from an MDEQ lawyer expressing disagreement with the MDEQ team's decision to recommend a determination that PII is not responsible or liable for the plume (See ID369). Lawyer recommends indicating that MDEQ has not enough information to make a recommendation one way or another.	Dissent by MDEQ lawyer on finding PII not legally liable for plume. Evidently there were different views on this decision.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
333	ID382	McDonald HSE Democratic Policy Staff- Poynter MDEQ - Site Maps	4/28/1999	MI Dept of Environmental Quality	Map	Area map of the plume	Area map of the plume	All of Pullman community
334	ID385	Elmleaf MDEQ- Ballo MDEQ - Confirmation of Discussion Regarding Multiple Sites	4/30/1999	MI Dept of Environmental Quality	Email	Internal deliberations to draft the non-liable determination letter to PII. See ID369 and ID384).	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
335	ID374	(Redacted) Troutman Lee Township- Lahti MDEQ - Amendment I to Agreement for Provision of a Type II Public Water System	5/10/1999	MI Dept of Environmental Quality	Letter	MDEQ informs Lee Township of the need to extend the 1998 agreement to install the Type III well until Dec 31, 2000, and that the original budget of $100k has been increased by $150,000 to a total of $250,000 because the designers of the well have budgeted it for that amount. The Amendment is effected in July 2000 (see ID356).	N/A	All of Pullman community
336	ID380	(Redacted) MDEQ- Hunter Equity Resource Environmental LLC - Request for Appointment for Records Review	5/26/1999	Equity Resource Environmental LLC	Letter	Request to MDEQ to review environmental documentation related to address 5635 109th Ave.	N/A	5635 109th Ave.
337	ID379	ODonnell MDEQ- OBrien Dean and Fulkerson PC - Transmittal of Notice of Migration of Contamination	6/9/1999	Dean & Fulkerson (Legal Advisors to PII)	Letter	PII submits a Notifice of Migration of Contamination to MDEQ.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
338	ID381	(Redacted) Moore Lee Township- Lahti MDEQ - Type III Water Supply Replacement Contract Amendment I	6/10/1999	MI Dept of Environmental Quality	Letter	No-cost extension 1 of the agreement with the Township to build a Type III water well. Extends period to June 30, 2000.	N/A	All of Pullman community
339	ID378	(Redacted) Crigier MDEQ- Notification of Construction of Small Type III Water System and Agreement-Waiver Form	6/29/1999	MI Dept of Environmental Quality	Letter	Template letter for Pullman neighbors eligible for the Type III well services whether they want to be given a free connection to the well or not.	N/A	All of Pullman community
340	ID377	Matthewson Pullman Industries Incorporated- ODonnell MDEQ - Notification of No Further Remedial Actions Necessary	7/29/1999	MI Dept of Environmental Quality	Letter	MDEQ concurrence that PII has done sufficient work to clean up part of the contamination occured in 1992 and 1993.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
341	ID376	(Redacted) - Crigier MDEQ- Request for Completion of Agreement-Waiver Form	8/5/1999	MI Dept of Environmental Quality	Letter	Template letter for a second request to Pullman neighbors eligible for the Type III well services whether they want to be given a free connection to the well or not.	N/A	All of Pullman community
342	ID375	Poynter MDEQ- Denniston MDEQ - Accounting Code Change	8/27/1999	MI Dept of Environmental Quality	Internal memo	Accounting code changes	N/A	N/A
343	ID391	ODonnell MDEQ- Freed Gove Associates Incorporated - Submittal of BEA	9/2/1999	Gove Associates	Letter	Letter to MDEQ requesting a Baseline Environmental Assessment (BEA) for property at 5588 109th Ave. Not documented if it ever happened.	N/A	5588 109th Ave.
344	ID390	Memo - Kane MDEQ- Simons MDEQ - Submittal of Modification and Change Order	9/14/1999	MI Dept of Environmental Quality	Internal memo	Internal request to process the Contract Change Order to Harding's contract for up to $1.3 million (see ID363 and ID365).	N/A	N/A
345	ID373	Norton MDEQ- Massoth MDEQ - Request for Fund Authorization and Bond Expenditure Request	9/27/1999	MI Dept of Environmental Quality	Internal memo	Internal communications documenting the request for $150k additional Bond Funds money for the Type III well installation (See ID372).	N/A	All of Pullman community
346	ID369	OBrien Dean and Fulkerson PC- ODonnell MDEQ - Confirmation of Previous Conversations	11/24/1999	MI Dept of Environmental Quality	Letter	Official MDEQ letter informing PII (and Dean & Fulkerson) that PII is not responsible and not liable for the plume underneath its factory site. The responsible party is "old Pullman Co", which ceased to exist in 1985 and is not legally linked to "new Pullman", which also incorporated in 1985 (as C&M Corporation).	Non-liability determination - Official notification to PII that it is not legally liable for the plume. The evidence is somewhat blurry, and in fact, ID384 includes an email from a MDEQ lawyer disagreeing with this determination.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
347	ID370	ODonnell MDEQ- OBrien Dean and Fulkerson PC - Acknowledgement of Liability Determination	11/29/1999	Dean & Fulkerson (Legal Advisors to PII)	Letter	Acknowledgement response to MDEQ on the liability determination. Pullman commits to conitue volunteering its contributions to ensure clean water in Pullman.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

348	ID371	Poynter MDEQ- Moore Allegan County Sheriff Office - Agreement to Donate Property	3/28/2000	Pullman Industries Inc.	Agreement	Agreement for PII to donate $125,000 and a small plot of property to the Lee Township, to place the Type III well and related structures.	PII donation of $125k to Lee Township to set up Type III well.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
349	ID368	Email - Simons Harding Lawson Associates ES of Michigan Incorporated- Poynter MDEQ - Discussion Regarding Project Management Contract for Site	4/7/2000	MI Dept of Environmental Quality	Email	Internal communications indicating that MDEQ has contacted Harding ESE to explore potential task order related to groundwater pump and treatment system - ID363.	N/A	N/A
350	ID372	Troutman Lee Township- Lahti MDEQ - Notification of Agreement Expiration and Amendment to Extend Contract	5/3/2000	MI Dept of Environmental Quality	Letter	MDEQ informs Lee Township of the need to extend the 1998 agreement to install the Type III well until Dec 31, 2000, and that the original budget of $100k has been increased by $150,000 to a total of $250,000 because the designers of the well have budgeted it for that amount. The Amendment is effected in July 2000 (see ID356).	N/A	All of Pullman community
351	ID365	Harding Lawson Associates ES of Michigan Incorporated- Draft Work Plan	7/3/2000	Harding ESE	Work plan	Draft work plan for remediation, operation, and maintenance of groundwater treatment system. See ID363 and FTC&H implementation work plan. Harding ESE workplan is for $1.3 million.	Harding ESE draft workplan. Has a useful background section.	N/A
352	ID356	(Redacted) Moore Lee Township- Lahti MDEQ - Type III Water Supply Replacement Contract Amendment II	7/13/2000	MI Dept of Environmental Quality	Letter	Cost and time extension 2 to the agreement with the Pullman Township to install and maintain a Type III water well. Agreement extended to Dec 31, 2000 and budget increased to $250,000.	N/A	All of Pullman community
353	ID366	Williams Harding Lawson Associates ES of Michigan Incorporated- Poynter MDEQ - Conditional Approval of Subject Work Plan	7/18/2000	MI Dept of Environmental Quality	Email	Feedback on draft work plan from Harding ESE.	N/A	N/A
354	ID364	Email - Poynter MDEQ- Simons Harding Lawson Associates ES of Michigan Incorporated - Authorized Funds for Project Management Contract	8/7/2000	MI Dept of Environmental Quality	Email	Internal email exchanges to authorize $1.5 million for Pullman remediation (installation, operation, and management). See ID363.	N/A	All of Pullman community
355	ID363	Project Expenditure Request	8/8/2000	MI Dept of Environmental Quality	Internal memo	Project Expenditure Request for $500,000, which add to $1,000,000 already authorized in 1996, for a total of $1.5 million. This total amount is meant to cover remedial actions with $1 million (monitoring wells, groundwater treatment system to remediate plume and prevent its expansion into +20 new wells), and operation and maintenance of the system for an estimate of 10 years, with $500k. Only $75k spent to date (from $200k authorization in 1997) from the $1 million authorized in FY1996 from the Bond Fund (per email in ID368), so about $1.4M to be dedicated to installation, operation, and maintenance of the groundwater treatment system.	VERY IMPORTANT ITEM. Provides excellent background summary of what has been done to date and plans of what to be done in the future.	All of Pullman community
356	ID361	Email - Crigier MDEQ- Poynter MDEQ - Approval of Additional Funds Request	8/21/2000	MI Dept of Environmental Quality	Email	Internal back-and-forth emails providing rich background on logic to invest $500k from Bond Funds to the Harding ESE project. Essentially, this is to measure the current extent of the plume and do the technical work to prevent its expansion into +20 other wells.	Important email explaining how the Harding ESE project is meant to stop the plume from affecting a new set of +20 wells.	All of Pullman community
357	ID359	Project Funding Authorization and Expenditure Request	9/13/2000	MI Dept of Environmental Quality	Internal memo	Funding authorization of the remaining $500,000 from the Bond Fund $1,000,000 authorization from 1996. This half-million will cover the Harding ESE project, and seeks to install/operate a groundwater pump and management system to prevent that the contaminated plume extends downgradient beyond the known current contamination area.	Allocation of $500k to prevent further extension of the contaminated plume to new wells.	All of Pullman community
358	ID362	Poynter MDEQ- Simons MDEQ - Request for Approval of Proposed Work	9/13/2000	MI Dept of Environmental Quality	Email	Project management and budgeting communications. Nothing significant.	N/A	N/A
359	ID358	Poynter MDEQ- Simons MDEQ - Receipt of Approval of Subject Work Plan	9/14/2000	MI Dept of Environmental Quality	Email	Email note confirming that MDEQ had approved the Harding ESE workplan.	N/A	N/A
360	ID360	Williams Harding Lawson Associates ES of Michigan Incorporated- Draft Request for Technical and Cost Proposals	10/30/2000	Harding ESE	RFP	Draft version of the Harding ESE RFP. Nothing significant.	N/A	N/A
361	ID350	Harding Lawson Associates ES of Michigan Incorporated- Request for Proposal	11/21/2000	Harding ESE	RFP	Call for proposals to implement the Harding ESE project in Pullman. The scope includes: conduct field investigation in Pullman, install monitoring wells/geoprobe borings to determine current extent of the plume and flow direction, and design and help install/maintain a groundwater control and treatment system. The overall purpose of the sustem is to ensure that the plume does not continue flowing downgradient and affecting new wells. See ID359, where funding for this project is authorized at $500,000.	The Harding ESE/FTC&H project intends to confirm current extent of the plume and install a groundwater control and treatment system to prevent further extension of the plume.	N/A
362	ID355	Prebid Meeting Attendance	11/29/2000	MI Dept of Environmental Quality	Notes	Meeting attendance list	N/A	N/A
363	ID357	Moore Lee Township- Lahti MDEQ - Transmittal of Amendment III of Contractual Agreement	12/8/2000	MI Dept of Environmental Quality	Letter	No-cost extension 3 of the agreement with the Township to build a Type III water well. Extends period to May 31, 2001.	Type III water well is not installed as of Dec 31, 2000.	All of Pullman community
364	ID344	Fishbeck Thompson Carr and Huber Incorporated- Project Proposal	12/15/2000	FTC&H	Proposal	FTCH response to Harding ESE's RFA.	FTCH response to Harding ESE's RFA.	All of Pullman community
365	ID354	Poynter MDEQ- Rubitschun MDEQ - Well Information	12/18/2000	MI Dept of Environmental Quality	Email	Internal email confirming that the well at 860 56th St was replaced in 1997 at a depth of 72 feet and is not part of the Type III water system, and was last tested in 1997.	N/A	860 56th St (Larson Video Shop)
366	ID352	Poynter MDEQ- Williams Harding ESE Incorporated - Approval of Subject Document and Notification of Project Bids	1/3/2001	Harding ESE	Email	Notification that RFA technical review is under way.	N/A	N/A
367	ID349	Email - Poynter MDEQ- Williams Harding ESE Incorporated - Bid Evaluation Results and Ranking Form	1/17/2001	Harding ESE	Email	Email to MDEQ notifying that FTC&H has been selected to implement the Harding ESE project in Pullman.	N/A	N/A
368	ID353	Williams Harding ESE Incorporated- Poynter MDEQ - Authorized Agent for Hazardous and Non-Hazardous Waste Disposal	1/19/2001	MI Dept of Environmental Quality	Letter	Informs that Harding and its subcontractors are authorized agents for hazardous and non-hazardous materials disposal.	N/A	N/A
369	ID387	Harding ESE of Michigan Incorporated- 33	1/31/2001	MI Dept of Environmental Quality	Internal memo	Contract change order (draft version) to include FTC&H as subcontractor to Harding and fund $188k to conduct remedial investigation to confirm the current extent of the plume.	N/A	All of Pullman community

370	ID392	Simons MDEQ- Williams Harding ESE Incorporated - Review of Bids and Submittal of Change Order Request and Contract Change Order	1/31/2001	Harding ESE	Letter	Informs MDEQ's procurement team about Harding's technical evaluation decision to award FTC&H the bid to install the groundwater pump and treatment system.	N/A	All of Pullman community
371	ID393	Email - Simons MDEQ- Poynter MDEQ - Approval of Addition of Professional Services Contract	2/1/2001	MI Dept of Environmental Quality	Email	MDEQ Procurement team concurrence on Harding's award decision going with FTCH bid.	N/A	All of Pullman community
372	ID389	Memo - Kane MDEQ- Simons MDEQ - Approval of Contract Change Order 33	2/9/2001	MI Dept of Environmental Quality	Internal memo	Internal request to process the Contract Change Order in ID388.	N/A	All of Pullman community
373	ID351	ODonnell MDEQ- Poynter MDEQ - Revision of Site Action Plans and Site Summaries	2/13/2001	MI Dept of Environmental Quality	Email	Nothing relevant.	N/A	N/A
374	ID347	Poynter MDEQ- Rubitschun MDEQ - Question Regarding Site Limited Municipal Water Supply System	3/8/2001	MI Dept of Environmental Quality	Email	Internal email confirming that the Type III water well installed for and owned by the Township is connected and functioning well.	Confirmation that the Type III water well installed for and owned by the Township is connected and functioning well.	All of Pullman community
375	ID398	unknown (6)	3/8/2001	MI Dept of Environmental Quality	Internal memo	Internal management status report of Pullman and 109th project.	Confirms that Type III water well system was installed in the Spring of 2000, serves 6 residences, and was paid by PII for $120k. Provides useful background info.	All of Pullman community
376	ID388	Harding Lawson Associates ESE of Michigan Incorporated- 33	3/20/2001	MI Dept of Environmental Quality	Internal memo	Contract change order (signed version) to include FTC&H as subcontractor to Harding and fund $188k to conduct remedial investigation to confirm the current extent of the plume.	N/A	All of Pullman community
377	ID367	(Redacted) Harding Lawson Associates Environmental Services-761P1001092	4/12/2001	MI Dept of Environmental Quality	Internal memo	Internal document - Purchase order to transfer $188k to Harding ESE.	N/A	N/A
378	ID383	(Redacted) Harding ESE of Michigan Incorporated- 761P1001092(2)	4/12/2001	MI Dept of Environmental Quality	Internal memo	Internal document - Purchase order to transfer $148k to Harding ESE.	N/A	N/A
379	ID345	(Redacted) Residential Sampling Concentration Results	4/16/2001	MI Dept of Environmental Quality	Lab results report	List of lab results from sampling tests in the Pullman community between 1991 and February 2001. As of this latter date, there are still sites testing positive for VOCs.	As of Feb 2001, there are still sampling sites testing positive for VOCs.	All of Pullman community
380	ID346	Harding ESE Incorporated- Meeting Agenda	5/8/2001	Harding ESE	Agenda	Kick-Off meeting agenda for FTC&H project implementation.	N/A	N/A
381	ID441	Email - Williams Harding ESE Incorporated- Hefferan MDEQ - Access Agreement Form and Cover Letter	5/9/2001	MI Dept of Environmental Quality	Email	Draft template letter for resident access request to property.	N/A	N/A
382	ID439	Fishbeck Thompson Carr and Huber Incorporated- Status Report April - May 2001	5/11/2001	FTC&H	Report	FTC&H progress report on project.	N/A	N/A
383	ID443	Williams Harding ESE- Kimm Fishbeck Thompson Carr and Huber Incorporated - Transmittal of Draft Remedial Investigation Sampling Plan	5/15/2001	FTC&H	Fax cover page	Cover page for transmission of project management documents to MDEQ.	N/A	N/A
384	ID442	Hefferan MDEQ- Kimm Fishbeck Thompson Carr and Huber Incorporated - Transmittal of Draft Remedial Investigation Sampling Plan	5/17/2001	FTC&H	Fax cover page	Cover page for transmission of project management documents to MDEQ.	N/A	N/A
385	ID438	Email - Hefferan MDEQ- Kimm Fishbeck Thompson Carr and Huber Incorporated - Transmittal of Site Access Letters	5/22/2001	FTC&H	Email	Project management email. Nothing significant.	N/A	N/A
386	ID440	Williams Harding ESE- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Transmittal of Draft Report for Review	5/22/2001	FTC&H	Fax cover page	Cover page for transmission of project management documents to MDEQ.	N/A	N/A
387	ID434	(Redacted) Hefferan MDEQ- Kimm Fishbeck Thompson Carr and Huber Incorporated - Tax Information	5/23/2001	FTC&H	Letter	Exchange of information on sampled properties with MDEQ	N/A	All of Pullman community
388	ID436	Hefferan MDEQ- Denniston MDEQ - Copy of Bond Funds Authorization	5/25/2001	MI Dept of Environmental Quality	Letter	Copy of authorization to spend Bond Funds for Pullman and 109th Ave project	N/A	N/A
389	ID437	Hefferan MDEQ- Denniston MDEQ - Site Funding History and Account Codes	5/25/2001	MI Dept of Environmental Quality	Email	Email exchange clarifying the budget record for the Pullman and 109th Ave project to date.	As of May 2001, there is a balance of approx. $450k from the $1M authorized in 1996 (Bond Funds money). This includes partial payments to Harding ESE. The $500k authorized in Sept 2000 are fully unspent to date.	N/A
390	ID415	ODonnell MDEQ- Murk Murk Management - Information Regarding Property Ownership	5/30/2001	Residence owner	Letter	Unsigned consent letter	N/A	Unclear
391	ID433	Murk Management- ODonnell MDEQ - 1336 56th Street Requesting Access	5/30/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	Unclear
392	ID435	Hefferan MDEQ- Williams Harding ESE Incorporated - Comments on Sampling Plan	5/30/2001	FTC&H	Email	Back-and-forth on FTCH sampling work plan feedback from MDEQ.	N/A	All of Pullman community
393	ID423	(Redacted) Resident- ODonnell MDEQ - 884 56th Street Requesting Access(2)	5/31/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	884 56th St.
394	ID424	(Redacted) Resident- ODonnell MDEQ - 884 56th Street Requesting Access(1)	5/31/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	884 56th St.

395	ID425	(Redacted) Resident- ODonnell MDEQ - 5623 Gilpin Street Requesting Access	5/31/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	5623 Gilpin St.
396	ID426	(Redacted) Resident- ODonnell MDEQ - 12-680-023-00 Requesting Access	5/31/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	Undefined (Parcel 12-680-023-00)
397	ID427	Baugus Als Total- ODonnell MDEQ - 12-008-030-00 Requesting Access	5/31/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	Undefined (Parcel 12-008-030-00)
398	ID428	(Redacted) Resident- ODonnell MDEQ - 12-008-060-00 Requesting Access	5/31/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	Undefined (Parcel 12-008-060-00)
399	ID429	(Redacted) Resident- ODonnell MDEQ - 12-580-022-00 Requesting Access	5/31/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	Undefined (Parcel 12-580-022-00)
400	ID413	(Redacted) Resident- ODonnell MDEQ - Box 94 109th Avenue Requesting Access	6/1/2001	Residence owner	Letter	Unsigned consent letter - does not provide consent to enter private property for sampling collection.	N/A	Undefined (Parcel 12-008-024-00)
401	ID417	(Redacted) Resident- ODonnell MDEQ - 865 Pullman Avenue Requesting Access	6/1/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	865 Pullman Ave.
402	ID418	OBrien Dean and Fulkerson PC- ODonnell MDEQ - 5576 109th Avenue Requesting Access	6/1/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter PII property for samlping purposes.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
403	ID419	(Redacted) Resident- ODonnell MDEQ - 5583 128th Avenue Requesting Access	6/1/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	Unclear
404	ID420	Baugus Als Total- ODonnell MDEQ - 5627 109th Avenue Requesting Access	6/1/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	5627 109th Ave.
405	ID421	(Redacted) 12-008-076-00 and 12-008-078-00- Resident - Access Agreement	6/1/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	Undefined (Parcel 12-008-076-00 and parcel 12-008-078-00)
406	ID422	(Redacted) Resident- ODonnell MDEQ - 12-008-076-00 and 12-008-078-00 Requesting Access	6/1/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter private property for samlping purposes.	N/A	Undefined (Parcel 12-008-076-00 and parcel 12-008-078-00)
407	ID409	(Redacted) 1336 56th Street- Resident - Access Agreement	6/5/2001	Residence owner	Letter	Consent to enter private property for sampling collection.	N/A	Unclear
408	ID412	Moore Lee Township- ODonnell MDEQ - 879 56th Street Requesting Access	6/5/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter Township Hall property for samlping purposes.	N/A	879 56th St. (Lee Township)
409	ID414	Laboe Pullman Elementary School- ODonnell MDEQ - 5580 South Street Requesting Access	6/5/2001	MI Dept of Environmental Quality	Letter	Letter requesting consent to enter Pullman Elementary School property for samlping purposes.	N/A	5580 South St. (Pullman Elementary School).
410	ID416	Email - Hefferan MDEQ- Williams Harding ESE Incorporated - Late Site Access Notice	6/5/2001	Harding ESE	Email	Email exchange between Harding ESE and MDEQ about securing access to PII property grounds for sampling.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
411	ID405	(Redacted) 884 56th Street- Resident - Access Agreement (2)	6/6/2001	Residence owner	Letter	Consent to enter private property for sampling collection.	N/A	884 56th St.
412	ID406	(Redacted) Citizen- ODonnell MDEQ - 12-008-024-00 Requesting Access	6/7/2001	Residence owner	Letter	Unsigned consent letter - does not provide consent to enter private property for sampling collection.	N/A	Undefined (Parcel 12-008-024-00)
413	ID430	(Redacted) Harding ESE Incorporated-230657	6/7/2001	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
414	ID403	6-11-2001 Soil Sampling Results - 0106148	6/11/2001	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of soil samples taken 6/11/2001 at SB01 testing site. Trichloroethylene, 1-1-1- trichloroethane, and tetrachloroethane are detected.	Three contaminants detected in soil samples as of June 2001.	Specific site unclear.
415	ID408	Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation Sampling Plan	6/11/2001	FTC&H	Work plan	Work plan to conduct remedial investigation. Includes 6 soil borings around the PII plant, 10 groundwater sampling locations to determine extent of the plume, eventual installation of 20 monitoring wells, an aquifer performance test.	FTCH investigation work plan intended to delineate extent of the plume as of mid 2001.	All of Pullman community
416	ID410	5576 109th Avenue- OBrien Dean and Fulkerson PC - Access Agreement	6/11/2001	Pullman Industries Inc.	Letter	Consent to enter private property for sampling collection.	PII´s consent letter for the FTCH samlping investigation.	Unclear
417	ID396	6-12-2001 and 6-13-2001 Water Sampling Results - 0106147	6/12/2001	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of water samples taken 6/12/2001 at GP01 testing site. Only trichloroethylene is detected.	Trichloroethylene detected in water samples as of June 2001.	Specific site unclear.
418	ID407	879 56th Street- Moore Lee Township - Access Agreement	6/12/2001	Lee Township	Letter	Consent to enter private property for sampling collection.	N/A	879 56th St. (Lee Township)
419	ID477	6-11-2001 Water Sampling Results - 0106084	6/12/2001	MI Dept of Environmental Quality	Lab results report	Lab results from monitoring wells in the Pullman vicinity. The analysis detected several contaminant VOCs in several monitoring wells. Metals testing also conducted (results not clear).	Contaminant VOCs still detected in monitoring wells as of August 2001.	All of Pullman community
420	ID399	Analysis Request Sheet - 01-06-147 and 01-06-148	6/13/2001	MI Dept of Environmental Quality	Internal memo	Request for lab analysis of samples taken on 6/12/2001.	N/A	Specific site unclear.
421	ID401	(Redacted) 865 Pullman Avenue- Resident - Access Agreement	6/13/2001	Residence owner	Letter	Consent to enter private property for sampling collection.	N/A	865 Pullman Ave.
422	ID397	6-14-2001 and 6-15-2001 Water Sampling Results - 0106152	6/14/2001	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of water samples taken 6/14/2001 at GP01 testing site. Dichloroethylene, trichloroethylene, and toluene are detected.	Three contaminants detected in water samples as of June 2001.	Specific site unclear.

423	ID402	(Redacted) 5623 Gilpin Street- Resident - Access Agreement	6/14/2001	Residence owner	Letter	Consent to enter private property for sampling collection.	N/A	5623 Gilpin St.
424	ID404	Analysis Request Sheet - 01-06-152	6/15/2001	MI Dept of Environmental Quality	Internal memo	Request for lab analysis of samples taken on 6/14/2001.	N/A	Specific site unclear.
425	ID395	(Redacted) Resident- ODonnell MDEQ - 928 56th Street Requesting Access	6/25/2001	MI Dept of Environmental Quality	Email	Internal communications about not having access to this location to conduct the FTCH activity.	N/A	928 56th.
426	ID394	(Redacted) MDEQ- NPDES Permit	7/3/2001	FTC&H	Letter	Application for a National Discharge Pollutant Elimination System (NPDES) permit for FTCH to dispose of pollutants at the Pullman sites.	N/A	N/A
427	ID400	Documentation for Approved Partial Closure	7/24/2001	MI Dept of Environmental Quality	Letter	Informs that the intervention at this site has been successfully completed and the project moves to closure. Provides useful background.	Intervention completed at this address. Well works well. VOC contamination NOT detected.	860 56th St (Larson Video Shop)
428	ID480	Harding Lawson Associates- Proposed Monitoring Well Locations	7/30/2001	Harding ESE	Map	Diagram map of monitoring well locations for the Harding/FTHC investigation, and the plume.	Useful map delineating the plume and monitoring well sites.	All of Pullman community
429	ID483	Kimm Fishbeck Thompson Carr and Huber Incorporated- Hefferan MDEQ - Receipt of Map and Comments Regarding Tetrahydrofuran Contamination and New Monitoring Wells	7/31/2001	MI Dept of Environmental Quality	Email	Conversation about technical aspects of contaminants.	N/A	N/A
430	ID485	Rubitschun MDEQ- Hefferan MDEQ - Question Regarding Presence of Tetrahydrofuran in Residential Wells	7/31/2001	MI Dept of Environmental Quality	Email	MDEQ internal conversation about adding two additional residential wells near the downgradient end of the plume to the monitoring wells component of FTCH's project.	N/A	874 Pullman Ave.
431	ID484	MacDonald Fishbeck Thompson Carr and Huber Incorporated- Norton MDEQ - Acknowledgement of Application for NPDES Permit	8/1/2001	MI Dept of Environmental Quality	Letter	Informs FTCH to wait to dispose waste until its NPDES permit has been approved.	N/A	N/A
432	ID471	8-7-2001 - 8-9-2001 Water Sampling Results - 0108119	8/7/2001	MI Dept of Environmental Quality	Lab results report	Lab results from monitoring wells in the Pullman vicinity. The analysis detected several contaminant VOCs in several monitoring wells.	Contaminant VOCs still detected in monitoring wells as of August 2001.	All of Pullman community
433	ID431	(Redacted) Harding Lawson Associates- 233686	8/9/2001	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
434	ID479	Clark MDEQ- Rubitchun MDEQ - Monitoring Sites Information	8/14/2001	MI Dept of Environmental Quality	Email	Emails back-and-forth with FTCH about their discovery of an illegal dumpsite with contaminants and leaking tanks near a well. Request that it be inspected urgently. Also, rumor that some residents have gone back to using old, contaminated wells that may have not been abandoned properly by MDEQ conrtactors in the past. MDEQ fresponds with seveal follow-up actions that it will take on this.	Important - discovery of potential new contamination source at an illegal dumpsite.	Between 56th and 58th, and 106th and 107th.
435	ID432	(Redacted) Harding Lawson Associates- 234616	8/15/2001	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
436	ID478	Clark MDEQ- Kimm Fishbeck Thompson Carr and Huber Incorporated - Transmittal of Map and Analytical Data	8/28/2001	FTC&H	Fax cover page	Cover page for transmission of project management documents to MDEQ.	N/A	N/A
437	ID481	McCrae MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Revised NPDES Permit Application Sections	8/29/2001	FTC&H	Map	Map showing the location where the groundwater pump and treatment system will be located.	Map showing location for groundwater pump and treatment system.	All of Pullman community
438	ID455	(Redacted) 5594 South Street- Resident - Access Agreement	9/5/2001	Residence owner	Letter	Consent to enter private property for sampling collection.	N/A	5594 South St.
439	ID472	5620 Gilpin Street- Blanchard - Access Agreement	9/5/2001	Residence owner	Letter	Consent to enter private property for sampling collection.	N/A	5620 Gilpin St.
440	ID474	Hefferan MDEQ- McCrae MDEQ - Draft NPDES Permit and Public Notice Sheet - MI0056651	9/12/2001	MI Dept of Environmental Quality	Letter	NDES Permit for MDEQ ERD Division to dispose waste at Pullman site.	N/A	All of Pullman community
441	ID475	Hefferan MDEQ- Williams Harding ESE of Michigan Incorporated - Update on Site Activities and Scheduled Sampling	9/19/2001	Harding ESE	Email	Update on project progress installing monitoring wells (complete).	N/A	All of Pullman community
442	ID473	Email - MacDonald Fishbeck Thompson Carr and Huber Incorporated- Williams Harding ESE of Michigan Incorporated - Comments on Draft NPDES Permit	9/27/2001	MACTEC (formerly Harding ESE)	Email	Project management conversation. Nothing significant.	N/A	N/A
443	ID470	Williams Harding ESE of Michigan Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Updates on Monitoring Well Sampling	10/4/2001	FTC&H	Email	Informs that monitoring well sampling at Pullman sites is soon to start.	N/A	All of Pullman community
444	ID486	(Redacted) Harding Lawson Associates- 235763	10/5/2001	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
445	ID467	MDEQ- Draft NPDES Permit - MI0056651 (2)	10/11/2001	MI Dept of Environmental Quality	Public notice	Public notice that MDEQ will issue a new NPDES permit to MDEQ's ERD Division.	N/A	All of Pullman community
446	ID469	Williams Harding ESE of Michigan Incorporated- Hefferan MDEQ - Authorized Agent for Hazardous Waste Disposal	10/18/2001	MI Dept of Environmental Quality	Letter	Authorization to Harding to sign waste manifests related to the Pullman project.	N/A	N/A

447	ID468	Pannel MDEQ- Williams Harding ESE of Michigan Incorporated - Site Identification Form	10/22/2001	MI Dept of Environmental Quality	Form	Site identification form. Nothing significant.	N/A	N/A
448	ID454	TriMatrix Laboratories Incorporated- 10-9-2001 - 10-11-2001 Water Sampling Results - 35826-1	10/26/2001	MI Dept of Environmental Quality	Lab results report	Hard-to-interpret lab results from Trimatrix for MDEQ.	These seem to be lab results from the monitoring wells, but not clear. Some of the results indicate there is presence detected of several contaminants.	N/A
449	ID482	(Redacted) Harding Lawson Associates- 237563	10/31/2001	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
450	ID488	(Redacted) Harding Lawson Associates- 236213	10/31/2001	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
451	ID465	Hefferan MDEQ- Williams Harding ESE of Michigan Incorporated - Notification of Requirement for Additional Metal Sampling	11/14/2001	MI Dept of Environmental Quality	Email	Request to FTCH to do one round of metals testing at PII site.	N/A	N/A
452	ID463	TriMatrix Laboratories Incorporated- 11-20-2001 Water Sampling Results - 35826-2	12/6/2001	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of soil and drum samples taken 11/20/2001. No contaminants are detected.	No contaminants detected.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
453	ID466	MDEQ- Uniform Hazardous Waste Manifest	1/3/2002	MI Dept of Environmental Quality	Internal memo	Project management document. Nothing significant.	N/A	N/A
454	ID464	Williams Harding ESE of Michigan Incorporated- Hefferan MDEQ - Comments on Draft Report	1/14/2002	MI Dept of Environmental Quality	Email	MDEQ feedback on FTCH draft remedial investigation report.	N/A	N/A
455	ID460	Williams Harding ESE of Michigan Incorporated- Kimm Fishbeck Thompson Carr and Huber Incorporated - Response to Comments on Draft Remedial Investigation Report	1/21/2002	FTC&H	Letter	FTCH response to MDEQ and MACTEC feedback on the draft Feasibility Study report.	FTCH indicates that the Remedial Investigation report does not conclusively provide the extent of the plume. Also indicates that it believes Scott Creek is the ultimate downgradient receptor of contaminants from the plume, though it´s unclear where exactly the plume vents into it.	All of Pullman community
456	ID489	Harding ESE of Michigan Incorporated- 47	1/23/2002	MI Dept of Environmental Quality	Internal memo	Contract modification documents for Harding ESE´s umbrella contract with MDEQ. Nothing significant.	N/A	N/A
457	ID493	Simons MDEQ- Jerue Harding ESE Incorporated - Submittal of Contract Modification 47 Contract Change Order Request Management Contract Change Order 36 and Trade Contractor Contract Change Order 57	1/27/2002	Harding ESE	Letter	Request to MDEQ to change (modify) contract.	N/A	N/A
458	ID348	(Redacted) Harding ESE of Michigan Incorporated- 761P1001092(1)	2/7/2002	MI Dept of Environmental Quality	Internal memo	Internal accounting report on billing status of ESE Harding project.	N/A	N/A
459	ID490	Memo - Kane MDEQ- Simons MDEQ - Contract Numbers	2/7/2002	MI Dept of Environmental Quality	Internal memo	Project management document. Nothing significant.	N/A	N/A
460	ID476	(Redacted) Harding Lawson Associates- 241643	2/13/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
461	ID487	(Redacted) Harding Lawson Associates- 241108	2/13/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
462	ID461	Hefferan MDEQ- Kimm Fishbeck Thompson Carr and Huber Incorporated - Transmittal of Additional Remedial Investigation Sampling Plan	2/14/2002	FTC&H	Fax cover page	Cover page for transmission of project management documents to MDEQ.	N/A	N/A
463	ID462	Hefferan MDEQ- Williams Harding ESE of Michigan Incorporated - Approval of February 2002 Additional Remedial Investigation Sampling Plan	2/20/2002	MI Dept of Environmental Quality	Email	Email to FTCH approving Additional Remedial Investigation Sampling Plan.	N/A	All of Pullman community
464	ID456	3-5-2002 Water Sampling Results - 0203035	3/5/2002	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of water samples taken 3/5/2002 at GP02 testing site. No contaminants are detected.	No contaminants detected.	Specific site unclear.
465	ID458	Kane MDMB- Simons MDEQ - Request to Process Contract Change Orders 3 and 6 and Modification 8(1)	3/5/2002	MI Dept of Environmental Quality	Internal memo	Project management document. Nothing significant.	N/A	N/A
466	ID459	Kane MDMB- Simons MDEQ - Request to Process Contract Change Orders 3 and 6 and Modification 8(2)	3/5/2002	MI Dept of Environmental Quality	Internal memo	Project management document. Nothing significant.	N/A	N/A
467	ID492	Level of Effort Contract Assignment	3/5/2002	MI Dept of Environmental Quality	Internal memo	Project management and budgeting communications. Nothing significant.	N/A	N/A
468	ID453	Site Summary (2)	April 2002	MI Dept of Environmental Quality	Internal memo	Internal MDEQ site summary report.	Plume has been largely delineated by now. Monitoring wells installed in 2001 by FTC&H. Plan to complete the feasibility analysis and install the groundwater pump and treatment system between 2002 and 2003. Plan to request an additional $1M for unspecified purposes.	All of Pullman community
469	ID447	MDEQ- Pullman Marathon Soil and Groundwater Sampling Results	4/3/2002	MI Dept of Environmental Quality	Internal memo	Informs of a possible MTBE contamination at this address stemming from an old gas station. Includes lab analysis reports.	Does not indicate any linkages to the PII contamination, nor it indicates having impacted other properties.	5634 W 109th Ave

470	ID452	Harding ESE of Michigan Incorporated- 6	4/4/2002	MI Dept of Environmental Quality	Internal memo	Contract change order (draft version) to increase management line item budget allocation.	N/A	All of Pullman community
471	ID457	Harding ESE of Michigan Incorporated- 03	4/4/2002	MI Dept of Environmental Quality	Internal memo	Contract change order to increase PSC services line item budget allocation.	N/A	All of Pullman community
472	ID491	Harding ESE of Michigan Incorporated- 57	4/4/2002	MI Dept of Environmental Quality	Internal memo	Contract change order to decrease PSC services line item budget allocation.	N/A	All of Pullman community
1136	ID448	Fishbeck Thompson Carr and Huber Incorporated- Pullman Data and Site Status	4/4/2002	FTCH	Report and map	Site map and analytical reports on vertical groundwater profiling and streambed sampling.	Concludes that the plume does not appear to be migrating to the SW beneath Scott Creek, indicating that the creek is a natural boundary for the plume.	All of Pullman community
473	ID450	TriMatrix Laboratories Incorporated- 4-18-2002 Water Sampling Results - 35826-3	4/26/2002	MI Dept of Environmental Quality	Lab results report	Hard-to-interpret lab results from Trimatrix for MDEQ.	These seem to be lab results from the monitoring wells, but not clear.	N/A
474	ID449	Fishbeck Thompson Carr and Huber Incorporated- Status Report March - April 2002	4/30/2002	FTC&H	Report	FTC&H progress report on project.	N/A	N/A
475	ID451	unknown (5)	5/2/2002	MI Dept of Environmental Quality	Report	Budget status update	N/A	N/A
476	ID444	(Redacted) Harding ESE of Michigan Incorporated- 244349	5/8/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
477	ID445	(Redacted) Harding ESE of Michigan Incorporated- 242968	5/8/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
478	ID446	(Redacted) Harding ESE of Michigan Incorporated- 243192	5/8/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
479	ID535	(Redacted) Harding ESE of Michigan Incorporated- 245792	5/8/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
480	ID536	(Redacted) Harding ESE of Michigan Incorporated- 244523	5/8/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
481	ID537	(Redacted) Harding ESE of Michigan Incorporated- 246326	5/8/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
482	ID542	Williams Harding ESE- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Transmittal of Draft Feasibility Study for Review	5/10/2002	FTC&H	Fax cover page	Cover page for transmission of the Draft Feasibility Study (not included in the PDF).	N/A	N/A
483	ID539	(Redacted) Harding ESE of Michigan Incorporated- 247649	5/30/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
484	ID541	Meeting Notes	5/31/2002	MI Dept of Environmental Quality	Notes	Handwritten notes from a planning meeting between MDEQ and FTCH/Harding. Hard to distill the discussion from the notes.	N/A	N/A
485	ID540	Hefferan MDEQ- ODonnell MDEQ - Enhanced Bioremediation Injection	6/10/2002	MI Dept of Environmental Quality	Email	Discussion about appropriateness of using enhanced bioremediation with injection of nutrients and microbes into the plume, which is a clean-up method that could affect negatively the water sources for residents.	N/A	All of Pullman community
486	ID528	(Redacted) Harding ESE of Michigan Incorporated- 249045	6/24/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
487	ID532	(Redacted) Harding ESE of Michigan Incorporated- 249042	6/24/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
488	ID531	MDEQ- Discharge Monitoring Report July and August 2002	7/1/2002	MI Dept of Environmental Quality	Letter	MDEQ report monitoring NPDES permit-realted discharing activities.	N/A	N/A
489	ID538	Hefferan MDEQ- Lack MDEQ - Information Regarding Site Funding	7/1/2002	MI Dept of Environmental Quality	Email	Project planning discusion. Nothing significant.	N/A	N/A
490	ID534	MacDonald Fishbeck Thompson Carr and Huber Incorporated- Williams Harding ESE of Michigan Incorporated - Comments on Draft Feasibility Study	7/10/2002	Harding ESE	Email	Harding's edit suggestions to FTCH for its draft feasibility study dated May 10, 2002.	N/A	N/A
491	ID529	(Redacted) Harding ESE of Michigan Incorporated- 249501	7/15/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
492	ID526	(Redacted) Harding ESE of Michigan Incorporated- 251838	7/18/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A

493	ID524	Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation	7/24/2002	FTC&H	Report	FTCH´s remedial investigation (RI) results. RI plan approved June 2001 and an additional sampling plan approved in February 2002. RI field work conducted between June 2001 and April 2002. RI report completed in July 2002. RI collected samples from monitoring wells, soil borings and geoprobe groundwater samples. Sought to determine the extent of the plume. RI confirms that several types of contaminants remain both in groundwater in the unconfined aquifer and in soil samples. PCE, TCE, and others. The plume has extended since ABB's study in 1997 and its contaminated center has migrated downgradient. No lateral expansion. Groundwater PCE around the PII plant is decreasing, but groundwater TCE levels at the edge of the downgradient are increasing. Samples at Scott Creek indicate no contamination, though it may occur further downstream already and is the likely receptor of contaminants later on.	Very important status report of contamination at the plume site as of April 2002. Very useful background info. Very good visuals.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
494	ID533	Hefferan MDEQ- Williams Harding ESE of Michigan Incorporated - Update on Cost Estimate for Soil Vapor Extraction and Air Sparge	7/30/2002	MI Dept of Environmental Quality	Email	Project management discusion about design and installation of SVE system by FTCH.	N/A	N/A
495	ID525	(Redacted) Harding ESE of Michigan Incorporated- 251021	8/12/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
496	ID520	(Redacted) Harding ESE of Michigan Incorporated- 252950	8/30/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
497	ID530	Email - Williams Harding ESE of Michigan Incorporated- Hefferan MDEQ - Updates on Contracting Issues and Activities	8/30/2002	MI Dept of Environmental Quality	Email	Project management discusion about design and installation of SVE system by FTCH.	N/A	N/A
498	ID527	Hefferan MDEQ- Williams Harding ESE - Change Order Request for Review	9/10/2002	Harding ESE	Letter	Request to MDEQ to change contract to include the design of an SVE systemin in the budget.	N/A	N/A
499	ID521	(Redacted) Harding ESE of Michigan Incorporated- 254306	9/24/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
500	ID510	(Redacted) Harding ESE of Michigan Incorporated- 255475	10/10/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
501	ID514	(Redacted) Harding ESE of Michigan Incorporated- 255477	10/10/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
502	ID523	Hefferan MDEQ- Williams Harding ESE of Michigan Incorporated - Summary of Current Soil Boring Data	10/31/2002	FTC&H	Map	Diagram map of the PII plant, indicating which soil boring holes have detected contaminants as of November 2002.	Visual map of soil contaminants at the PII plant as of Nov 2002.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
503	ID522	Hefferan MDEQ- Williams MACTEC - Revised Change Order Request	11/4/2002	Harding ESE	Letter	Request to MDEQ to change conrtact to increase FTC&H line item in budget.	N/A	N/A
504	ID519	OBrien Dean and Fulkerson PC- MacDonald Fishbeck Thompson Carr and Huber Incorporated - 5576 109th Street Requesting Access	11/11/2002	FTC&H	Letter	Signed letter from FTCH to Dean and Fulkerson regarding terms for access to PII plant premises for sampling purposes.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
505	ID517	Harding ESE of Michigan Incorporated- 23(1)	11/12/2002	Harding ESE	Letter	Request to MDEQ to change conrtact to increase FTC&H line item in budget.	N/A	N/A
506	ID515	Harding ESE of Michigan Incorporated- 23(3)	11/15/2002	MI Dept of Environmental Quality	Internal memo	Contract change order to increase funding for FTC&H.	N/A	N/A
507	ID516	Wahl MDEQ- Hefferan MDEQ - Approval of Contract Change Order	11/15/2002	MI Dept of Environmental Quality	Internal memo	Approval of contract change order to increase funding for FTC&H. See ID515.	N/A	N/A
508	ID518	Harding ESE of Michigan Incorporated- 23(2)	11/15/2002	MI Dept of Environmental Quality	Internal memo	Approval of contract change order to increase funding for FTC&H. See ID515.	N/A	N/A
509	ID511	Fishbeck Thompson Carr and Huber Incorporated- Soil Sampling Plan(1)	11/21/2002	FTC&H	Email	Informs Harding ESE of its soil sampling plan at the PII plant. Same as ID512.	Results in ID509	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
510	ID513	Hefferan MDEQ- Williams Harding ESE of Michigan Incorporated - Conversation Regarding Sampling Plan and Request for Remediation Report	11/25/2002	MI Dept of Environmental Quality	Email	Project planning discusion. Nothing significant.	N/A	N/A
511	ID507	11-26-2002 Soil Sampling Results - 0211151	11/27/2002	MI Dept of Environmental Quality	Lab results report	Trichloroethylene and tetrachloroethan still present in several of the soil samples in this analysis done for FTCH.	Soil contaminants still present in December 2002.	All of Pullman community
512	ID512	Fishbeck Thompson Carr and Huber Incorporated- Soil Sampling Plan(2)	12/13/2002	FTC&H	Email	Informs Harding ESE of its soil sampling plan at the PII plant. Same as ID511.	Results in ID509	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
513	ID509	Williams Harding ESE of Michigan Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Soil Sampling Summary	12/16/2002	FTC&H	Map	Diagram map of the PII plant, indicating which soil boring holes have detected contaminants as of November 2002.	Visual map of contaminants at the PII plant as of Nov 2002.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
514	ID504	(Redacted) Resident- Williams Allegan County Health Department - 849 Pullman Road Water Well Sampling Results	12/17/2002	Allegan Co. Health Dept.	Letter	Informs of continued contamination with 3 different volatile hydrocarbons. Groundwater samples from 10/21/2002 were analyzed by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to avoid using their well water for drinking or cooking. Residents are provided bottled water.	Contamination present in 2002 in this address, which is south of Scott Creek. VOC contamination detected.	849 Pullman Rd.
515	ID497	(Redacted) Harding ESE of Michigan Incorporated- 256925	12/20/2002	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A

516	ID508	Email - Hefferan MDEQ- OBoyle MDEQ - Conversation Regarding Encumbered Funds for Site Contract	12/20/2002	MI Dept of Environmental Quality	Email	Project management discusion. Nothing significant.	N/A	N/A
517	ID505	Email - Hefferan MDEQ- ODonnell MDEQ - Response to Site Funding Question	12/30/2002	MI Dept of Environmental Quality	Email	Project management discusion. Nothing significant.	N/A	N/A
518	ID495	(Redacted) MDEQ Contamination Investigation Unit- Pullman Road Contamination Sampling Results	Late 2002 (specific date undefined)	MI Dept of Environmental Quality	Lab results report	List of VOC tests conducted in the Pullman community between 2000 and August 2002, per address, in 52 testing locations. In many cases there's 3+ rounds of testing.	Demonstrates that VOC testing was done extensively (at least between 2000 and 2002).	All of Pullman community
519	ID506	Williams Harding ESE of Michigan Incorporated- Hefferan MDEQ - Comments on Site Feasibility Study Status	1/6/2003	MI Dept of Environmental Quality	Email	MDEQ tells Harding/FTCH that bioremediation with injection should not be implemented in an area with so many residents because of risks to the broader water supply.	N/A	All of Pullman community
520	ID496	Permittee- Cook MDEQ - Request for NPDES Permit Application Form - MI0056651	1/8/2003	MI Dept of Environmental Quality	Form	NPDES permit application form	N/A	N/A
521	ID502	Cline Drisenga Associates- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Transmittal of Figure 7 from Remedial Investigation Report	1/14/2003	FTC&H	Letter	Letter reminding Blomingdale PS system that it will need to conduct a BEA before taking ownership of the PII plant site.	Bloomingdale PS has not taken onwership of the PII site as of January 2003.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
522	ID503	Hefferan MDEQ- Lovato MDEQ - Conversation Regarding Existing Contamination and Remediation Options	1/14/2003	MI Dept of Environmental Quality	Email	Discussion related to the refusal to use injection or biuoremediation options.	Discussion related to the refusal to use injection or biuoremediation options.	All of Pullman community
523	ID500	(Redacted) Resident- Williams Allegan County Health Department - 5634 109th Avenue Water Well Sampling Results	1/15/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some level of chloroform, MTBE, and Total trialomethanes contaminants have been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5634 109th Ave.
524	ID501	Resident- Williams Allegan County Health Department - 5575 North Street Water Well Sampling Results	1/15/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some level of MTBE contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5575 North St.
525	ID494	(Redacted) Harding ESE of Michigan Incorporated- 8001010	1/30/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for Harding ESE	N/A	N/A
526	ID499	Fishbeck Thompson Carr and Huber Incorporated- Sampling Plan Amendment	2/6/2003	FTC&H	Letter	FTCH proposal to MDEQ to conduct a new round of monitoring well testing to confirm whether contamination at 849 Pullman Rd is related to the plume or not.	New detection of TCE contaminant at 849 Pullman Rd leads to discuss new round of monitoring well testing south of Scott Creek.	849 Pullman Ave.
527	ID498	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results (4)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some low level of tetrachloroethylene contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
528	ID580	Larsons Hardware- Williams Allegan County Health Department - 840 56th Street Water Well Sampling Results (2)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	840 56th St. (Larson's Hardware)
529	ID581	Pats Excavating- Williams Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results (2)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
530	ID583	(Redacted) Resident- Williams Allegan County Health Department - 848 56th Street Water Well Sampling Results	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	848 56th Ave.
531	ID584	(Redacted) Resident- Williams Allegan County Health Department - 872 56th Street Water Well Sampling Results (2)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	872 56th Ave.
532	ID585	(Redacted) Resident- Williams Allegan County Health Department - 874 56th Street Water Well Sampling Results (4)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	874 56th Ave.
533	ID586	(Redacted) Resident- Williams Allegan County Health Department - 5515 109th Avenue Water Well Sampling Results	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5515 109th Ave
534	ID588	Baugus Als Total- Williams Allegan County Health Department - 847 56th Street Water Well Sampling Results (2)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	847 56th St.
535	ID589	Northwoods Cafe- Williams Allegan County Health Department - 5627 109th Avenue Water Well Sampling Results (2)	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5627 109th Ave
536	ID590	Pullman Post Office- Williams Allegan County Health Department - 887 56th Street Water Well Sampling Results	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	887 56th St (US Post Office).
537	ID591	Als Citgo- Williams Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results	2/11/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5588 109th Ave.
538	ID578	GTE- Williams Allegan County Health Department - 5598 109th Avenue Water Well Sampling Results	2/24/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5598 109th Ave (GTE)
539	ID579	Hair Harbor- Williams Allegan County Health Department - PO Box 172 Water Well Sampling Results	2/24/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	890 56th St (Hair Harbor)
540	ID582	Resident- Williams Allegan County Health Department - 5577 109th Avenue Water Well Sampling Results (3)	2/24/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5577 109th Ave.

541	ID587	(Redacted) Resident- Williams Allegan County Health Department - PO Box 167 Water Well Sampling Results	2/24/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	Unclear
542	ID576	(Redacted) Resident- Williams Allegan County Health Department - 909 56th Street Water Well Sampling Results (4)	2/27/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	909 56th St
543	ID573	(Redacted) Resident- Williams Allegan County Health Department - 862 Pullman Road Water Well Sampling Results	3/3/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	862 Pullman Ave.
544	ID574	(Redacted) Resident- Williams Allegan County Health Department - 886 56th Street Water Well Sampling Results	3/3/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	886 56th St.
545	ID575	(Redacted) Resident- Williams Allegan County Health Department - 886 Pullman Road Water Well Sampling Results	3/3/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	886 Pullman Ave.
546	ID642	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8073512	3/8/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
547	ID577	Christ Gospel Church- Williams Allegan County Health Department - 915 56th Street Water Well Sampling Results	3/15/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some level of 1-1 Dichloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	915 56th St. (Christ Gospel Church).
548	ID567	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results (3)	3/17/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	885 Pearl St.
549	ID570	Lee Township Hall- Williams Allegan County Health Department - 887 56th Street Water Well Sampling Results	3/17/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	877 56thSt (Lee Township Hall and Fire Barn)
550	ID572	Simons MDEQ- Jerue MACTEC Engineering and Consulting of Michigan Incorporated - Submittal of Contract Change Order and Sampling Plan Amendment	3/20/2003	MACTEC (formerly Harding ESE)	Letter	Request to MDEQ to change contract to include groundwater sampling at 849 Pullman Ave site.	N/A	N/A
551	ID569	Email - Hefferan MDEQ- Simons MDEQ - Information Regarding Professional Service Contract Fund	3/21/2003	MI Dept of Environmental Quality	Email	Discussion about the need to tackle the 849 Pullman Rd contamination that FTCH flagged for MDEQ. See ID499 and ID504.	Flags a separate contamination site that needs tackling. See ID499 and ID504.	849 Pullman Ave.
552	ID561	(Redacted) - MACTEC Engineering and Consulting of Michigan Incorporated- 8003946	3/24/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
553	ID568	(Redacted) Resident- Williams Allegan County Health Department - 5586 South Street Water Well Sampling Results	3/24/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5586 South St.
554	ID562	(Redacted) MDEQ- NPDES Permit - MI0056651	3/28/2003	MI Dept of Environmental Quality	Forms	Application for a National Discharge Pollutant Elimination System (NPDES) permit for FTCH to dispose of pollutants at the Pullman sites.	N/A	N/A
555	ID571	MACTEC Engineering and Consulting of Michigan Incorporated- 34	3/28/2003	MI Dept of Environmental Quality	Internal memo	Approval of contract change order to increase funding for FTC&H to sample at 849 Pullman Ave site. See ID499, 504, and 569.	N/A	N/A
556	ID553	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8015008	4/8/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
557	ID565	OBrien Dean and Fulkerson PC- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Remedial System Pilot Construction and Operation	4/9/2003	FTC&H	Letter	FTCH informs PII that it plans to conduct a pilot of a remedial system at and near the plant to address the soil and groundwater contamination. The system is called Air Sparging with Soil Vapor Extraction (AS-SVE). Pilot duration is 4-5 months. Asks permission to access and operate inside the plant site.	FTCH Air Sparging and SVE pilot at PII plant site.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
558	ID547	MACTEC Engineering and Consulting of Michigan Incorporated- 35	4/15/2003	MI Dept of Environmental Quality	Internal memo	Project management document from a different project. Unrelated to this.	N/A	N/A
559	ID558	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8009130	4/16/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
560	ID566	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - School Plans with Site Property	4/18/2003	MI Dept of Environmental Quality	Email	MDEQ asks FTCH if the school is planning to take over the PII plant site. FTCH responds that they are, but are waiting to conduct a full BEA and a Due Care Plan first. They´ll use the site as bus parking and build a playground.	Pullman school taking over the PII plant site, converting to playground, conducting BEA and Due Care Plan first.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
561	ID564	Memo - Hefferan MDEQ- Norton MDEQ - Acknowledgement of Application for Reissuance of NPDES Permit - MI0056651	4/21/2003	MI Dept of Environmental Quality	Letter	Informs MDEQ that the NPDES permit reissuance application is under review.	N/A	N/A
562	ID563	Williams MACTEC Engineering and Consulting Incorporated- Hefferan MDEQ - Comments on Site Feasibility Study	4/22/2003	MI Dept of Environmental Quality	Email	MDEQ's edits to the feasibility study.	N/A	All of Pullman community
670	ID649	Fishbeck Thompson Carr and Huber Incorporated- Air Sparging-Soil Vapor Extraction Pilot Summary	May 2003	FTC&H	Report	Air Sparging/Soil Vapor Extraction (AS/SVE) system pilot work plan summary .	Air Sparging/Soil Vapor Extraction (AS/SVE) system pilot work plan summary .	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

563	ID555	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8010851	5/5/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
564	ID556	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8010847	5/5/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
565	ID557	MacDonald Fishbeck Thompson Carr and Huber Incorporated- Williams MACTEC Engineering and Consulting Incorporated - Comments on Revised Draft Feasibility Study	5/6/2003	MACTEC (formerly Harding ESE)	Email	Feedback from MACTEC and MDEQ on revised draft feasibility study.	Notes that the elementary school hooked up to the Type III water well system in 2002, which then turned into a Type II well system.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
566	ID559	Hefferan MDEQ- Williams MACTEC Engineering and Consulting Incorporated - Remedial Alternatives for Feasibility Study	5/7/2003	MI Dept of Environmental Quality	Email	Discussion about appropriateness of alternative municipal water supply system. MDEQ indicates that the community does not want it.	N/A	All of Pullman community
567	ID560	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Site Power Usage and Billing Costs	5/16/2003	MI Dept of Environmental Quality	Email	Project management and budgeting discussions. Nothing significant.	N/A	N/A
568	ID546	5-19-2003 and 5-20-2003 Sediment Sampling Results - 30500251	5/19/2003	MI Dept of Environmental Quality	Lab results report	Soil boring samples from across Pullman community sites indicate detection of at least 6 different VOCs.	At least 6 VOCs detected as of May 2003.	All of Pullman community
569	ID544	5-21-2003 Sediment Sampling Results - 30500266	5/21/2003	MI Dept of Environmental Quality	Lab results report	Soil boring samples from across Pullman community sites indicate detection of at least 6 different VOCs.	At least 6 VOCs detected as of May 2003.	All of Pullman community
570	ID554	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8001518	5/29/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
571	ID545	(Redacted) Resident- ODonnell MDEQ - 849 Pullman Avenue Requesting Access	6/2/2003	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	849 Pullman Ave.
572	ID551	(Redacted) Resident- ODonnell MDEQ - 12-008-074-40 and 12-008-074-60 Requesting Access	6/2/2003	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	852 Pullman Ave.
573	ID552	Larson Video Shoppe- ODonnell MDEQ - 12-008-023-00 Requesting Access	6/2/2003	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	860 56th St (Larson Video Shop)
574	ID549	(Redacted) Resident- ODonnell MDEQ - 842 Pullman Avenue Requesting Access	6/6/2003	Residence owner	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	842 Pullman Ave.
575	ID548	(Redacted) - 12-008-074-00 and 12-008-074-40 and 12-008-074-60- Resident - Access Agreement	6/12/2003	MI Dept of Environmental Quality	Letter	Property access consent to NDEQ to enter private property for sampling purposes.	N/A	852 Pullman Ave.
576	ID543	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8021940	6/13/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
577	ID639	Site Summary	July 2003	MI Dept of Environmental Quality	Report	Site summary for Pullman Ave and 109th Ave Project. Update on implementation and funding status.	Good background info report with actions taken to date.	All of Pullman community
578	ID618	6-26-2003 and 6-27-2003 Water Sampling Results - 30700006	7/1/2003	MI Dept of Environmental Quality	Lab results report	Lab results from 19 geoprobe tests, monitoring wells in the Pullman vicinity. The analysis detected up to 7 different VOCs in different samples across the community.	Contaminant VOCs still detected in water wells as of July 2003.	All of Pullman community
579	ID640	Hefferan MDEQ- Williams MACTEC Engineering and Consulting of Michigan Incorporated - Transmittal of Map	7/1/2003	FTC&H	Map	Map of the PII site, including locations of soil borings, one monitoring well, AS/SVE wells, and other clean up elements as of July 2003	Useful map of all FTCH clean up elements at PII site.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
580	ID550	Villa Environmental Consultants Incorporated- Phase II Investigation Report	7/8/2003	Villa Environmental Consultants	Report	This is an environmental review report contracted apparently by Bloomingdale Public Schools as it seems to be assessing the option of purchasing the PII site. The report documents the presence of at least two new contaminated locations (beyond what's already been documented by MDEQ), one of which with high levels of arsenic. The contractors recommend conducting a Baseline Environmental Assessment (BEA) prior to purchasing the site.	New report (not linked to MDEQ) detecting contaminants in new sites, including high levels of arsenic, as of July 2003.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
581	ID637	Fishbeck Thompson Carr and Huber Incorporated- Feasibility Study	7/8/2003	FTC&H	Report	Feasibility Study for Pullman and 109th remedial plans.	Explores different remedial options and finally recommends an AS/SVE system for the source area at the PII site and a groundwater pumpt and treatment system to deal with the contaminated plume.	All of Pullman community
582	ID625	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8027586	7/10/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
583	ID641	Mandle MDEQ- Hefferan MDEQ - Request for Model Review for New Fire Department Well	7/18/2003	MI Dept of Environmental Quality	Email	Internal MDEQ exchange about the possibility of installing a fire dept water-supply well approx 200 ft from the plume´s southern edge, downgradient. Pros and cons need to be assessed and modeling must be done. See ID593 and 594 from Nov2003.	Conversation about installing a water-supply well for the fire dept close to the plume´s southern edge. See ID593 and 594 from Nov2003.	All of Pullman community
584	ID631	(Redacted) 849 Pullman Avenue- Resident - Access Agreement	7/31/2003	FTC&H	Letter	Sharing with MACTEC the access agreement form for one location.	N/A	849 Pullman Ave.
585	ID636	(Redacted) 842 Pullman Avenue- Resident - Access Agreement	7/31/2003	FTC&H	Letter	Sharing with MACTEC the access agreement form for one location.	N/A	842 Pullman Ave.
586	ID638	Email - Lack MDEQ- Hefferan MDEQ - Update on Site Funding	7/31/2003	MI Dept of Environmental Quality	Email	Project management and budgeting discussions. Nothing significant.	N/A	N/A

587	ID621	Hefferan MDEQ- Hinz Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results	8/4/2003	MI Dept of Environmental Quality	Lab results report	Sampling taken at Pullman Tavern's bar sink shows mostly ND and a non-harmful level of tetrachloroethylene.	Detection of non-harmful level of tetrachloroethylene.	5604 109th Ave (Pullman Tavern).
588	ID632	Hefferan MDEQ- Unseld MDEQ - Concrete Contamination and Demolition Plans	8/4/2003	MI Dept of Environmental Quality	Email	Exchange between MDEQ and Villa about steps to take to push forward the PII site transfer to Bloomingdale P.S. One new problem emerges, which is the appearance of a new pit with waste metals and the fact that some concrete slabs are too contaminated/damaged to be safely recycled. Disposal is very expensive ($150k). Discussion TBC.	Concrete slabs at PII site are too contaminated for recycling, and disposal will cost over $150k. Bloomingdale PS plans to demolish the PII building. FTCH's ongoing clean up activities (including SVE operation) can continue regardless throughout the transfer and demolition process.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
589	ID619	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8033596	8/5/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
590	ID633	MACTEC Engineering and Consulting-Project Management Interim Evaluation(22)	8/5/2003	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
591	ID622	TriMatrix Laboratories Incorporated- 8-6-2003 Air Sampling Results - 36390-1	8/6/2003	MI Dept of Environmental Quality	Lab results report	A sampling analysis of air quality in "Pullman Road" (specific location unclear) was conducted in August 2003 for MDEQ by TriMatrix labs. The analysis does not detect any contaminants in the samples.	Non-Detection of contaminants but unclear where the air samples are traken from, specifically.	All of Pullman community
592	ID629	Simons MDEQ- Williams MACTEC Engineering and Consulting of Michigan Incorporated - Submittal of Contract Change Order and Contract Modification	8/7/2003	MACTEC (formerly Harding ESE)	Letter	Request to MDEQ to change conrtact to increase FTC&H line item in budget.	N/A	N/A
593	ID626	(Redacted) Summary of Sampling Events (4)	8/14/2003	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2004 (as of 8/14/2003). It´s a total of 57 events at 57 different residential and commercial locations. Most are annual sampling events.	List of 57 sampling test locations in the Pullman community. Results not shown.	All of Pullman community
594	ID627	MACTEC Engineering and Consulting of Michigan Incorporated- 40(1)	8/18/2003	MI Dept of Environmental Quality	Internal memo	Contract change order to increase funding for FTC&H.	N/A	N/A
595	ID628	MACTEC Engineering and Consulting of Michigan Incorporated- 40(2)	8/18/2003	MI Dept of Environmental Quality	Internal memo	Contract change order to increase funding for FTC&H.	N/A	N/A
596	ID620	AAC Trinity Incorporated- 8-20-2003 Air Sampling Results - 03-1858	8/20/2003	AAC Trinity	Lab results report	A sampling analysis of air quality at the PII site was conducted in August 2003 for MDEQ. The analysis detects contamination with Tetrachloroethane, trichloroethene, and others (I think from reading the lab results).	Air at PII site is contaminated with VOCs.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
597	ID623	Cleto- Williams Allegan County Health Department - 5575 North Water Well Sampling Results	8/25/2003	Allegan Co. Health Dept.	Letter	Testing was conducted in this property and no VOCs were detected.	VOC contamination NOT detected.	5575 North St.
598	ID624	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results (3)	8/25/2003	Allegan Co. Health Dept.	Letter	Testing indicates that some low level of tetrachloroethylene contaminant has been found in this well, but it's below risk thresholds and nothing needs to be done.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
599	ID614	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8040253	8/27/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
600	ID615	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8040251	8/27/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
601	ID616	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8040304	8/27/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
602	ID617	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8040252	8/27/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
603	ID607	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8042404	9/3/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
604	ID611	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8039651	9/3/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
605	ID634	MACTEC Engineering and Consulting-Project Management Interim Evaluation(23)	9/3/2003	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
606	ID613	Lakeshore Environmental Incorporated-Hydrogeological Assessment for Supply Wells 1 and 2	9/4/2003	Lakeshore Environmental Inc (LEI)	Report	Hydrogeological assessment report of PII site (to be transformed into Pullman Elementary site) requested by Allegan Health Dept. Confirms that the newly installed wells can produce quality water in enough quantity.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
607	ID612	AAC Trinity Incorporated- 9-11-2003 Air Sampling Results - 03-2037	9/11/2003	AAC Trinity	Lab results report	A sampling analysis of air quality at the PII site was conducted in September 2003 for MDEQ. The analysis detects contamination with Tetrachloroethane, trichloroethene, and others (I think from reading the lab results).	Air at PII site is contaminated with VOCs.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
608	ID600	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8044904	9/22/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
609	ID604	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8044903	9/22/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
610	ID605	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8045082	9/22/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
611	ID635	MACTEC Engineering and Consulting-Project Management Interim Evaluation(24)	9/22/2003	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A

612	ID608	(Redacted) TriMatrix Laboratories Incorporated- 70107	10/6/2003	MI Dept of Environmental Quality	Internal memo	Voucher payment authorization for Tri-Matrix labs	Part of the process of transforming the PII site into a publis chool playground and parking lot.	N/A
613	ID609	unknown (4)	10/6/2003	MI Dept of Environmental Quality	Internal memo	Site status and implementation schedule report for Pullman and 109th Ave project. Very good background info.	Provides a good summary of all main actions taken to diagnose and remediate the contamination between 1996 and 2003. Clarifies that PII installed an SVE system in 1998 but removed it after it was found not-liable for the contamination. MDEQ installed an AS/SVE system in 2003 (mentioned in previous ID entries). Also indicates that MDEQ will seek an additional $1M in FY2005 funding, which would take the total funding to over $2.5M since 1996.	All of Pullman community
614	ID610	(Redacted) AAC Trinity Incorporated- 14732	10/6/2003	MI Dept of Environmental Quality	Internal memo	Voucher payment authorization for AA Trinity.	Part of the process of transforming the PII site into a publis chool playground and parking lot.	N/A
615	ID601	AAC Trinity Incorporated- 10-9-2003 Air Sampling Results - 03-2284(2)	10/9/2003	AAC Trinity	Lab results report	A sampling analysis of air quality at the PII site was conducted in October 2003 for MDEQ. The analysis detects contamination with Tetrachloroethane, trichloroethene, methylene chloride, and others (I think from reading the lab results)	Air at PII site is contaminated with VOCs.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
616	ID606	AAC Trinity Incorporated- 10-9-2003 Air Sampling Results - 03-2284(1)	10/9/2003	AAC Trinity	Lab results report	A sampling analysis of air quality at the PII site was conducted in October 2003 for MDEQ. The analysis detects contamination with Tetrachloroethane, trichloroethene, methylene chloride, and others (I think from reading the lab results). Same report as ID601.	Air at PII site is contaminated with VOCs. Same report as ID601.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
617	ID603	Fishbeck Thompson Carr and Huber Incorporated- Creamery Well Investigation	10/14/2003	FTC&H	Letter	FTCH photographic report documenting the location of three old Pearl Creamery wells as well as several other nearby wells.	Pearl Creamery wells located (three).	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
618	ID602	AAC Trinity Incorporated- 10-22-2003 and 10-23-2003 Air Sampling Results - 03-2381	10/23/2003	AAC Trinity	Lab results report	A sampling analysis of air quality at the PII site was conducted in October 2003 for MDEQ. The analysis detects contamination with Tetrachloroethane, trichloroethene, methylene chloride, and others (I think from reading the lab results)	Air at PII site is contaminated with VOCs.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
619	ID599	Trace Analytical Laboratories Incorporated- 8-25-2003 Oil Sampling Results	10/29/2003	Villa Environmental Consultants	Lab results report	Analytical results of contaminants on the concrete areas at the PII site. This report is shared with MDEQ and Bloomingdale Public Schools as part of the process of purchasing the PII site.	The results indicate that the concrete has high contamination with several heavy metals (lead, arsenic, barium, and others)	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
620	ID598	Residential Well Investigation Map	November 2003	FTC&H	Map	Map of the residential and monitoring wells and sampling locations around 849 Pullman Ave.	Map of 849 Pullman Ave sampling and monitoring	849 Pullman Ave.
621	ID596	Hefferan MDEQ- Larcinese Villa Environmental Consultants Incorporated - Site Contamination Cleanup Options and Funding	11/3/2003	MI Dept of Environmental Quality	Email	Exchange with Villa about the possibility of cleaning up the concrete areas of the PII site that the school wants to keep.	Part of the process of transforming the PII site into a publis chool playground and parking lot.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
622	ID593	Hefferan MDEQ- Mandle MDEQ - Evaluation of Potential Impact of Proposed Fire Well on Contaminant Plume	11/10/2003	MI Dept of Environmental Quality	Internal memo	Technical evaluation memo to MDEQ discussing the potential negative impact on the plume of installing a new water-supply well for the local fire department. This would be located north of Scott Creek and 200 ft south of the plume's southern boundary (near its downgradient). The report indicates that depending on the frequency and the intensity of use of the fire dept. well, it may end up causing a shift in the migration path of the plume, which would render ineffective the remedial measures implemented to date and create a new contamination path in Pullman. Thus, the report recommends installing the fire dept. well at a different location, either on the upgradient of the plume or south of Scott Creek, which is a natural barrier to the plume.	Concerns with installing a new water well for the fire dept because it may shift the pathway of the plume.	All of Pullman community
623	ID592	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8051495	11/13/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
624	ID630	MACTEC Engineering and Consulting- Project Management Interim Evaluation(25)	11/13/2003	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
625	ID597	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Updates on Site Activity and Planned Meeting with School	11/14/2003	MI Dept of Environmental Quality	Email	Exchange with MACTECc about how transforming the PII site to a school playground impacts MACTEC's ongoing AS/SVE operations at the PII site.	Part of the process of transforming the PII site into a publis chool playground and parking lot.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
626	ID595	Villa Environmental Consultants Incorporated- Draft Section 7A Compliance Analysis	11/21/2003	Villa Environmental Consultants	Report	This is Villa's draft Due Care Plan for transforming the PII plant site into a parking lot and a playground for the public school system.	The Due Care Plan provides guidance on how to manage the legacy of contaminants in soil, groundwater, and heavy metals while building the parking lot and school playground. Includeas a great list of all contaminants found at the PII site.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
627	ID594	Hinz Allegan County Health Department- Mandle MDEQ - Fire Well Impact on Contaminant Plume	11/24/2003	MI Dept of Environmental Quality	Email	Exchange between Allegan Co Environmental Health team and MDEQ in Lansing, which produced the evaluation described in ID593. The former provides data on water usage by the fire dept and informs that placing the well south of Scott Creek is not possible because that's out of township limits. The latter reconfirms that regardless of water usage, the proposed water-supply well location is not a good idea, and that the well should therefore be located upgradient to avoid rendering the remediation system cleaning up the aquifer ineffective.	Confirmation that fire dept water-supply well must be located upgradient of the plume.	All of Pullman community
628	ID681	TriMatrix Laboratories Incorporated- 11-13-2003 Water Sampling Results - 36390-2	12/1/2003	TriMatrix Labs	Lab results report	Lab analysis requested by MDEQ and FTCH. Show chloromethane and acetone in some of the monitoring wells sampled.	As of December 2003, VOCs are still showing in monitoring wells.	All of Pullman community
629	ID670	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8056830	12/4/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
630	ID685	MACTEC Engineering and Consulting- Project Management Interim Evaluation(19)	12/4/2003	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
631	ID674	(Redacted) AAC Trinity Incorporated- 14980	12/5/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request for AAC Trinity.	N/A	N/A
632	ID675	(Redacted) AAC Trinity Incorporated- 15335	12/5/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request for AAC Trinity.	N/A	N/A
633	ID679	(Redacted) AAC Trinity Incorporated- 15226	12/5/2003	MI Dept of Environmental Quality	Internal memo	Contract payment request for AAC Trinity.	N/A	N/A

634	ID678	Mandle MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Updated Site Map of School and Municipal Wells	12/19/2003	FTC&H	Map	Pullman map showing the placement of Fire Dept well and Municipal wells.	Pullman map showing the placement of Fire Dept well and Municipal wells.	All of Pullman community
635	ID676	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Monitoring Well Records in Wellogic	1/9/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
636	ID648	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8061263	1/13/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
637	ID652	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8061158	1/13/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
638	ID662	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8061788	1/13/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
639	ID672	Email - Hefferan MDEQ- Campbell MDEQ - Comments on Invoices in Ernie	1/13/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
640	ID673	Fishbeck Thompson Carr and Huber Incorporated- Draft Proposal to Perform Additional Work	1/13/2004	FTC&H	Letter	Informs of proposed tasks for upcoming reporting period.	Includes a proposed groundwater modeling plan. The modeling plan is intended to guide the design and placement of the groundwater remediation system that FTCH is contracted to install, which includes placing wells in targeted locations of the community. The proposed model takes into account the potential fire dept. well and new municipal supply wells that have been installed.	All of Pullman community
641	ID677	Hefferan MDEQ- Williams MACTEC Engineering and Consulting Incorporated - Notification of Sump Sampling Work Plan	1/13/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
642	ID668	Hefferan MDEQ- Williams MACTEC Engineering and Consulting Incorporated - Information Regarding Site Hydraulic Modeling	1/15/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	Part of the discussion is whether the new school wells, the municipal wells, and the fire dept. well will have a negative cumulative effect on plume migration. No definitive answer here.	N/A
643	ID669	Mandle MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Flow Rate Estimates	1/21/2004	FTC&H	Email and Map	Project management conversation regarding the depth of different existing wells in the Pullman community.	Includes a map with different types of wells installed throughout the Pullman community	All of Pullman community
644	ID664	MDEQ- Draft NPDES Permit - MI0056651	1/22/2004	MI Dept of Environmental Quality	Email	NPDES permit public notice conversation.	N/A	N/A
645	ID666	Hefferan MDEQ- Mandle MDEQ - Request for Figures and Tables from 1997 Report	1/23/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
646	ID665	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Change Order Request and Additional Work	1/28/2004	FTC&H	Letter	Project management and budgeting update. Nothing significant.	N/A	N/A
647	ID667	Williams MACTEC Engineering and Consulting Incorporated- Hefferan MDEQ - Comments on Work Plan	1/28/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
648	ID688	ODell- ODonnell MDEQ - Acknowledgement of BEA Submittal	1/28/2004	MI Dept of Environmental Quality	Letter	Notice of submittal of a BEA (BEA not included). Not specified what property is the BEA for.	N/A	N/A
649	ID660	Hefferan MDEQ- Norton MDEQ - Copy of Language in Draft Permit - MI0056651	2/2/2004	MI Dept of Environmental Quality	Email	NPDES permit public notice conversation.	N/A	N/A
650	ID663	MacDonald Fishbeck Thompson Carr and Huber Incorporated- Hefferan MDEQ - Request for Review of Site NPDES Permit	2/2/2004	MI Dept of Environmental Quality	Email	NPDES permit public notice conversation.	N/A	N/A
651	ID686	MACTEC Engineering and Consulting- Project Management Interim Evaluation(20)	2/2/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
652	ID658	Email - Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Comments on Change Order Revisions	2/3/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
653	ID671	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8066946	2/5/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
654	ID683	Email - Williams MACTEC Engineering and Consulting Incorporated- Hefferan MDEQ - Updates and Concerns on NPDES Permit Modification	2/5/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
655	ID684	MACTEC Engineering and Consulting- Project Management Interim Evaluation(18)	2/5/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A

656	ID689	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Draft Contract Modification Letter	2/6/2004	FTC&H	Letter	Informs of proposed tasks for upcoming reporting period.	N/A	N/A
657	ID680	(Redacted) TriMatrix Laboratories Incorporated- 71334	2/9/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request for TriMatrix Lab.	N/A	N/A
658	ID682	Email - Williams MACTEC Engineering and Consulting Incorporated- Hefferan MDEQ - Comments on Revised Change Order	2/9/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
659	ID661	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Revised Contract Modification 4 and Task Summary	2/12/2004	MACTEC (formerly Harding ESE)	Letter	Project management and budgeting update. Nothing significant.	N/A	N/A
660	ID659	Hefferan MDEQ- Mandle MDEQ - Updates on Site Modeling and Student Report	2/23/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
661	ID654	Hefferan MDEQ- Williams MACTEC Engineering and Consulting Incorporated - Notification of Draft Reports	2/26/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
662	ID650	MACTEC Engineering and Consulting of Michigan Incorporated- 52	3/1/2004	MACTEC (formerly Harding ESE)	Letter	Request to MDEQ to change conrtact to increase FTC&H line item in budget.	N/A	N/A
663	ID656	Williams MACTEC Engineering and Consulting Incorporated- Hefferan MDEQ - Sediment Sampling Results and Funding Numbers	3/2/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
664	ID657	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Notification of Soil and Sump Sampling Schedule	3/2/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
665	ID653	Email - Hefferan MDEQ- Simons MDEQ - Approval of Professional Service Contract Increase	3/3/2004	MI Dept of Environmental Quality	Email	Approval of contract change order to increase funding for FTC&H.	N/A	N/A
666	ID655	Memo - Kane MDEQ- Simons MDEQ - Submittal of Contract Change Order 52	3/3/2004	MI Dept of Environmental Quality	Internal memo	Approval of contract change order to increase funding for FTC&H.	N/A	N/A
667	ID647	Michigan State University- Groundwater Contamination Investigation	3/4/2004	Michigan State University (MSU)	Report	Academic paper from School of Engineering with groundwater modeling to help estimate extent of contamination and model remediation plans.	N/A	All of Pullman community
668	ID687	MACTEC Engineering and Consulting- Project Management Interim Evaluation(21)	3/8/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
669	ID651	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Map of Proposed Sampling Locations	3/9/2004	FTC&H	Map	Map of soil sampling locations used for SVE pilot performance review. See ID649.	Map of soil sampling locations used for SVE pilot performance review. Includes all the testing readings. See ID649.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
671	ID643	Analysis Request Sheet - 40300161	3/16/2004	MI Dept of Environmental Quality	Internal memo	Request for lab testing services.	N/A	N/A
672	ID644	Analysis Request Sheet - 40300162	3/16/2004	MI Dept of Environmental Quality	Internal memo	Request for lab testing services.	N/A	N/A
673	ID645	Analysis Request Sheet - 40300188	3/17/2004	MI Dept of Environmental Quality	Internal memo	Request for lab testing services.	N/A	N/A
674	ID712	3-15-2004 and 3-16-2004 Sediment Sampling Results - 40300161	3/17/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows contamination with at least 6 different VOCs. 16 soil samples at the PII site.	Evidence of soil contamination with 6 VOCs as of March 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
675	ID733	Analysis Request Sheet - 40300191	3/17/2004	MI Dept of Environmental Quality	Lab analysis order	Request for lab analysis of samples	N/A	N/A
676	ID735	Analysis Request Sheet - 40300189	3/17/2004	MI Dept of Environmental Quality	Lab analysis order	Request for lab analysis of samples	N/A	N/A
677	ID646	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Update on Site Sampling Activities	3/18/2004	FTC&H	Email	Sampling conversation. Nothing significant.	N/A	N/A
678	ID721	3-17-2004 Organic and Sediment Sampling Results - 40300191	3/18/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows contamination with at least 6 different VOCs as well as metals and other hydrocarbon substances. 5 soil samples at the PII site.	Evidence of soil contamination with 6 VOCs, metals, and other contaminants as of March 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
679	ID727	3-17-2004 Sediment Sampling Results - 40300189	3/18/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows sediment contamination with arsenic, cadmium, and lead. 3 soil samples at the PII site.	Evidence of sediment contamination with arsenic, cadmium, and lead as of March 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

680	ID731	3-17-2004 Water Sampling Results - 40300188	3/18/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows water contamination with 3 VOCs. 2 monitoring well samples at the PII site.	Evidence of water contamination with 3 VOCs as of March 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
681	ID734	March 2004	3/26/2004	MI Dept of Environmental Quality	Report	MDEQ internal project profile report. Provides specific information on contamination description, classification, evidence, parameters, and metrics recorded.	Useful document - shows MDEQ profile of Pullman and 109th project profile.	All of Pullman community
682	ID732	Hefferan MDEQ- Mandle MDEQ - Updates and Comments on Student Report	4/12/2004	MI Dept of Environmental Quality	Email	Conversation on MDEQ´s groundwater modeling study.	N/A	All of Pullman community
683	ID730	unknown (3)	4/15/2004	MI Dept of Environmental Quality	Report	MDEQ site summary - status report on Pullman and 109th Ave project progress.	Very useful status report as of April 2004 on what´s been done to date, current remedial investigation, future action, and funding flows.	All of Pullman community
684	ID729	Fishbeck Thompson Carr and Huber Incorporated- Air Sparge-Soil Vapor Extraction Pilot Work Plan	4/16/2004	FTC&H	Report	FTCH will install a groundwater air sparging and soil vapor extraction (AS/SVE) pilot system to assess its effectiveness remediating (extracting) the VOCS in the soil and groundwater at the PII site. It will be installed at 4 locations inside and just outside the PII building.	AS/SVE work plan. The sytem will operate over 6 months to pilot its effectiveness extracting VOCs from soil and groundwater.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
685	ID725	(Redacted) ACC Trinity Incorporated-15550	4/20/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request for ACC Trinity.	N/A	N/A
686	ID728	Fishbeck Thompson Carr and Huber Incorporated- Status Report March - April 2004	4/21/2004	FTC&H	Report	Project status report. Nothing major reported.	N/A	N/A
687	ID723	Hefferan MDEQ- Mandle MDEQ - Draft Review of Remedial Action	4/23/2004	MI Dept of Environmental Quality	Report	Internal technical evaluation of the potential impact of the fire departments's water-supply well, municipal wells, and the school well on the plume remediation plans (groundwater pump and extraction system), in particular on the plume migration pathway. Conclusion from the study: at present rates, the fire dept, muni, and school wells do not affect the migration pathway, and will not affect the pump/extraction system to be installed by FTCH. But of those three increase their pumping rates, they will possibly decrease the effectiveness of FTCH´s pump/extraction system. Also, the model indicates that portions of the plume are migrating beyond the creek. Linked to ID647 (MSU report).	Conclusion from the study: for the pump/extraction system to be effective, one cannot increase the pumping rates of the fire dept, muni, and school wells. If they do, the remediation system will decrease its effectivenes and the plume migration pathway may shift. Separately, the model indicates that portions of the plume are migrating beyond the creek (though this may not be accurate).	All of Pullman community
688	ID722	(Redacted) - Summary of Sampling Events	4/26/2004	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2004 (as of 4/26/2004). It's a total of 63 events at 63 different residential and commercial locations. Most are annual sampling events.	List of 67 sampling test locations in the Pullman community. Results not shown, just list of events.	All of Pullman community
689	ID737	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Updates on Site Manhole Sampling Results	4/26/2004	MI Dept of Environmental Quality	Email	Conversation with FTCH about 3/18/2004 lab results.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
690	ID738	Williams MACTEC Engineering and Consulting of Michigan Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Field Sketches	4/26/2004	FTC&H	Map	Sketch/Map of sampling site locations within the PII factory site. Related to 3/18/2004 lab results.	Map of PII site testing site locations.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
691	ID715	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5575 North Ave.
692	ID716	(Redacted) Resident- Williams Allegan County Health Department - 5584 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5584 North Ave.
693	ID717	(Redacted) Resident- Williams Allegan County Health Department - 5568 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5568 North Ave.
694	ID718	(Redacted) Resident- Williams Allegan County Health Department - 5571 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5571 North Ave.
695	ID719	(Redacted) Resident- Williams Allegan County Health Department - 5574 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5574 North Ave.
696	ID720	(Redacted) Resident- Williams Allegan County Health Department - 5565 North Avenue Water Well Sampling Results	4/30/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5565 North Ave.
697	ID699	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8073718	5/7/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
698	ID705	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8073717	5/7/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
699	ID706	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8077822	5/7/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
700	ID711	(Redacted) Resident- Williams Allegan County Health Department - 5594 North Street Water Well Sampling Results (2)	5/11/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5594 North Ave.
701	ID713	(Redacted) Resident- Williams Allegan County Health Department - 5587 North Avenue Water Well Sampling Results	5/11/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5587 North Ave.
702	ID736	Resident- Williams Allegan County Health Department - 5588 North Street Water Well Sampling Results	5/11/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5588 North Ave.

703	ID714	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8085672	5/14/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
704	ID724	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8085674	5/14/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
705	ID726	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8085673	5/14/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
706	ID700	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8082985	5/20/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
707	ID710	Fishbeck Thompson Carr and Huber Incorporated- Drinking Water Well Contaminant Investigation	5/20/2004	FTC&H	Report	TCE contamination had been detected at 849 Pullman Ave in 2002, and FTCH was asked by MDEQ to determine whether it was connected to the plume or not, given that this address is south of Scott Creek. FTCH conducted monitoring well sampling in several locations around the property (June 2003). More sampling was conducted in November 2003. Monitoring wells were abandoned in May 2004. In June 2003, 2 out of 12 samplings detected VOCs (4 types). In November 2003, 2 VOC types were detected in 2 out of 4 sampling locations. Based on review of water flow contours at the property and at the PII site, it is determined that contamination from the PII site is not affecting contamination south of the creek.	Report to MDEQ describing results of its investigation whether the 849 Pullman Ave contamination is llinked to the PII site contamination. The investigation concludes that it is not linked, that these are independent events.	849 Pullman Ave.
708	ID708	MACTEC Engineering and Consulting- Project Management Interim Evaluation(15)	5/24/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
709	ID695	(Redacted) Resident- Williams Allegan County Health Department - 868 Pullman Street Water Well Sampling Results	6/3/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	868 Pullman Ave.
710	ID698	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results (2)	6/3/2004	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
711	ID702	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Update on Site Groundwater Flow Issues	6/3/2004	FTC&H	Email	FTCH expresses preoccupation that contaminants are entering and even crossing through Scott Creek. To have more clarity, FTCH proposes a series of sampling exercises along the creek.	Concern that Scott Creek is already being contaminated by the plume.	All of Pullman community
712	ID703	Northwoods Restaurant- Williams Allegan County Health Department - 5627 109th Avenue Water Well Sampling Results (2)	6/3/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5627 109th Ave (Northwoods Restaurant).
713	ID704	Verizon- Williams Allegan County Health Department - 5595 109th Avenue Water Well Sampling Results	6/3/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5595 109th Ave (Verizon).
714	ID701	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Additional Groundwater Investigation Work	6/4/2004	FTC&H	Email	Project management conversation. Proposes MDEQ a set of next steps for phase 1 and phase 2 of the groundwatrer investigation and remediation contract.	N/A	N/A
715	ID690	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8091043	6/17/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
716	ID691	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8088638	6/17/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
717	ID696	Email - Hefferan MDEQ- Williams MACTEC Engineering and Consulting Incorporated - Status of NPDES Permit Application and Information Regarding Additional Groundwater Sampling Work Plan	6/18/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
718	ID697	Kimble- Norton MDEQ - Notification of Project Hold and Request for Outfall Deactivation	6/18/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
719	ID709	MACTEC Engineering and Consulting- Project Management Interim Evaluation(16)	6/25/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
720	ID693	MDEQ- NPDES Permit - MI0056651	7/2/2004	MI Dept of Environmental Quality	Permit	NPDES permit granted to MDEQ to discharge from location 5620 Gilpin St into Scott Creek.	N/A	5620 Gilpin St.
721	ID694	Williams MACTEC Engineering and Consulting Incorporated- Hefferan MDEQ - Review Status of Site Groundwater Investigation Plan	7/6/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
722	ID692	Fishbeck Thompson Carr and Huber Incorporated- Monitor Well Abandonment Records	7/8/2004	FTC&H	Letter	Informs of FTCH completing abandonment process for 4 monitoring wells located at 849 Pullman Ave.(per MDEQ instructions).	Abandonment of 4 monitoring wells.	849 Pullman Ave.
723	ID707	MACTEC Engineering and Consulting- Project Management Interim Evaluation(17)	7/16/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
724	ID774	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8093576	7/16/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A

725	ID778	NPDES Permittee- Jones MDEQ - MI0056651	7/22/2004	MI Dept of Environmental Quality	Letter	Informs of changes to the NPDES reporting process.	N/A	N/A
726	ID779	Information Regarding Monitoring Well Installation and Monitoring Well 10	7/22/2004	FTC&H	Email	Conversation about the possibilty of setting up a new municipal water supply system (based on wells far outside the area of the plume) instead of (or along with) cleaning up the plume.	Conversation about the possibilty of setting up a new municipal water supply system (based on wells far outside the area of the plume) instead of (or along with) cleaning up the plume. Considerations are cost-benefit of either option, community preferences and buy-in, funding availability, real capacity to clean up the plume or not, and whether the plume is spreading or not.	All of Pullman community
727	ID764	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8098204	7/29/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
728	ID771	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8078014	7/29/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
729	ID772	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8098070	7/29/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
730	ID783	MACTEC Engineering and Consulting- Project Management Interim Evaluation(11)	7/29/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
731	ID773	Superior Environmental Corporation- Project Management Interim Evaluation	8/12/2004	MI Dept of Environmental Quality	Form	Project management form. Nothing significant.	N/A	N/A
732	ID757	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8103412	8/20/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
733	ID761	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8103414	8/20/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
734	ID766	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results (2)	8/31/2004	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	885 Pearl St.
735	ID767	Pats Excavating- Williams Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results	8/31/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
736	ID768	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results	8/31/2004	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
737	ID769	(Redacted) Resident- Williams Allegan County Health Department - 872 56th Street Water Well Sampling Results	8/31/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	872 56th St.
738	ID770	(Redacted) Resident- Williams Allegan County Health Department - 5589 South Street Water Well Sampling Results	8/31/2004	Allegan Co. Health Dept.	Letter	Testing was conducted in this property for non-VOCs. Nothing was detected but be aware that we remain concerned about the aquifer serving your well.	Non-VOC contamination NOT detected.	5589 South St.
739	ID765	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Conversation Regarding Scheduled Groundwater Sampling	9/2/2004	FTC&H	Email	Project planning conversation. Nothing significant.	N/A	N/A
740	ID756	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8103963	9/10/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
741	ID784	MACTEC Engineering and Consulting- Project Management Interim Evaluation(12)	9/10/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
742	ID787	Analysis Request Sheet - 40900200	9/12/2004	MI Dept of Environmental Quality	Lab analysis order	Request for lab analysis of samples	N/A	N/A
743	ID760	Fishbeck Thompson Carr and Huber Incorporated- Manhole and Sump Sampling Summary	9/16/2004	FTC&H	Report	Report on results from sampling at 9 sumps and manholes sites at the PII site, exploring possible contaminated residue in the storm sewer and floor drainage system (Related to ID746 - Workplan).	Varying concentrations of VOCs, PAHs, PSBs, metals, and other contaminants were found in several sites of the drainage piping system. Now it is necessary to determine whether there has been leakage of contaminants into the soil from the piping system (this is proposed in the Work Plan in ID746). This is the first time that the piping and drainage system is explored for potential leakage and contamination (MDEQ recognizes this in ID779). Note: Sampling took place in March 2004, this report is issued in September 2004, the Work plan is issued in February 2005, which means the next steps take place over a year after sampling took place. Demonstrates the slow pace of action.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
744	ID762	Analysis Request Sheet - 40900201	9/17/2004	MI Dept of Environmental Quality	Lab analysis order	Request for lab analysis of samples	N/A	N/A
745	ID741	9-14-2004 - 9-16-2004 Water Sampling Results - 40900200	9/20/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. Shows water contamination with 8 VOCs. 24 monitoring well samples at the PII site.	Evidence of water contamination with 8 VOCs as of September 2004.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
746	ID786	9-15-2004 and 9-16-2004 Water Sampling Results - 40900201	9/20/2004	MI Dept of Environmental Quality	Lab results report	Lab analysis requested by MDEQ and FTCH. 6 monitoring well samples at the PII site. Analysis of non-VOCs, unsure whether these are actual contaminants or just water components (magnesium, sodium, iron, calcium, nitrate, etc)	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

747	ID763	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Scope of Work and Sampling Updates	9/21/2004	FTC&H	Email	Discussion about work plan items. Nothing significant.	N/A	N/A
748	ID759	Email - MacDonald Fishbeck Thompson Carr and Huber Incorporated- Hefferan MDEQ - Note Regarding Site NPDES Permit	9/22/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
749	ID754	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8109024	9/30/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
750	ID785	MACTEC Engineering and Consulting- Project Management Interim Evaluation(13)	9/30/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
751	ID788	Odell Bloomingdale Public Schools- ODonnell MDEQ - 5576 109th Avenue Requesting Access	10/20/2004	MI Dept of Environmental Quality	Letter	Property access request submitted to Bloomingdale PS to access the former PII site for sampling purposes.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
752	ID775	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8110014	10/28/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
753	ID777	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8111052	10/28/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
754	ID776	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8116733	11/23/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
755	ID781	5576 109th Avenue- Odell Bloomingdale Public Schools - Access Agreement	11/23/2004	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by Bloomingdale P.S. to enter the former PII site (which they now own) for sampling purposes.	This is the first time that I see that Bloomingdale P.S system is already the owner of the former PII site (November 2004). Not sure when the formal transfer actually took place.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
756	ID782	MACTEC Engineering and Consulting- Project Management Interim Evaluation(10)	11/23/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
757	ID752	Fishbeck Thompson Carr and Huber Incorporated- Revised Draft Work Plan and Cost Estimate for Additional Site Characterization	12/7/2004	MI Dept of Environmental Quality	Email	Work plan feedback from MACTEC and MDEQ to FTCH.	Notes that the contamination levels detected in recent rounds has been"drastically reduced", which is hard to clearly explain for MDEQ. More testing planned.	All of Pullman community
758	ID747	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8119356	12/14/2004	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
759	ID780	MACTEC Engineering and Consulting- Project Management Interim Evaluation(14)	12/14/2004	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
760	ID758	Non Contractual Invoice - (Redacted) - MDEQ- 05-MI0056651	12/27/2004	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
761	ID755	Fishbeck Thompson Carr and Huber Incorporated- Monitor Well Abandonment Record and Soil Boring Log	1/5/2005	FTC&H	Letter	Monitoring well abandonment record (MW10).	N/A	N/A
762	ID742	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8123574	1/10/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
763	ID744	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8124413	1/10/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
764	ID751	Williams MACTEC Engineering and Consulting Incorporated- Hefferan MDEQ - Request for Well Logs and Comments on Revised Work Plan	1/11/2005	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
765	ID753	Ryan MDEQ- Hefferan MDEQ - Questions Regarding Double Cased Well Completion	1/11/2005	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
766	ID749	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Information Regarding Double Cased Wells and Sampling	1/12/2005	FTC&H	Email	Project management conversation. Nothing significant.	N/A	N/A
767	ID750	Williams MACTEC Engineering and Consulting Incorporated- Hefferan MDEQ - Information Regarding New Age Landmark Mobile Lab Approval	1/12/2005	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
768	ID748	Analysis Request Sheet - 50100146	1/20/2005	MI Dept of Environmental Quality	Lab analysis order	Request for lab analysis of samples	N/A	N/A
769	ID823	1-18-2005 - 1-20-2005 Water Sampling Results - 50100146	1/21/2005	MI Dept of Environmental Quality	Lab results report	Analytical results from 23 monitoring wells (locations unclear). Several wells report contamination with several VOCs.	Monitoring well VOC contamination persists as of January 2005.	All of Pullman community

770	ID746	Fishbeck Thompson Carr and Huber Incorporated- Work Plan and Cost Estimate for Additional Site Characterization	2/4/2005	FTC&H	Report	The work plan includes: quarterly groundwater sampling for 2 years (already started Sep 2004), updated delineation of the downgradient extent of the plume, a hydrologic assessment of Scott Creek, and source area characterization. An addendum to the previous Remedial Investigation will be prepared.	REALLY USEFUL SUMMARY OF WHAT FTCH WILL BE DOING AND HOW IT BUILDS ON ITS PREVIOUS WORK. A 2002 investigation indicated that Scott Creek was acting as a hydrologic boundary for the plume's migration flow. Sept 2004 MW testing indicates that the north side of the Creek has seen a stable plume and decreased VOC concentrations, but to date there have been no MWs on the south side (across the Creek). FTCH will now investigate if the unconfined aquifer is impacted on the south side of the creek, which would mean that the Creek is not serving as a natural boundary to the plume, and contaminants are discharging into the Creek (which already appears to be the case west of Pullman Ave). The source area characterization will be done because sampling tests at PII site in March 2004 (see ID760) indicated high concentration of TCE, PCE, PNAs, PCBs, and other materials in some sumps. FTCH will map and inspect the drain pipes network beneath the building to locate possible spillout points, investigate them, and find their discharge sites.	All of Pullman community
771	ID743	(Redacted) Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Information Regarding Impacted Replacement Water Supply Well	2/7/2005	MI Dept of Environmental Quality	Email	Informs that testing at the replacement well at 885 Pearl St has detected VOCs for 3 straight sampling rounds, even showing a gradual increase in TCE levels between Aug 2004 and Jan 2005. This is a 1997 replacement well at the home of the former Township supervisor. Well is 134 feet deep. Mentions that the "shared water supply system" (presumably Township-managed and owned) has 11 out of 15 connections taken. DMEQ plans to encourage the township setting up a "municipal supply system for the whole area".	Increasing TCE contamination at a site with a 1997 replacement well.	885 Pearl St.
772	ID745	Summary of Sampling Events (2)	2/8/2005	MI Dept of Environmental Quality	Lab results report	Lab results report showing TCE contamination levels at 885 Pearl St. See ID743.	See ID743.	885 Pearl St.
773	ID739	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8130070	2/18/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
774	ID740	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8128539	2/18/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
775	ID835	MACTEC Engineering and Consulting- Project Management Interim Evaluation(6)	2/22/2005	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
776	ID834	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8133717	3/2/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
777	ID824	(Redacted) Resident- ODonnell MDEQ - 886 56th Street Requesting Access	3/3/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	886 56th St.
778	ID831	(Redacted) Resident- ODonnell MDEQ - 872 56th Street Requesting Access	3/3/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	872 56th St.
779	ID832	(Redacted) Resident- ODonnell MDEQ - 874 56th Street Requesting Access	3/3/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	874 56th St.
780	ID833	(Redacted) Resident- ODonnell MDEQ - 882 56th Street Requesting Access	3/3/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	882 56th St.
781	ID836	MACTEC Engineering and Consulting- Project Management Interim Evaluation(7)	3/3/2005	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
782	ID837	MACTEC Engineering and Consulting- Project Management Interim Evaluation(8)	3/3/2005	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
783	ID827	(Redacted) Resident- Rubitschun MDEQ - 885 Pearl Street Water Well Sampling Results	3/8/2005	MI Dept of Environmental Quality	Letter	Informs of VOC contamination, specifically tetrachloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their replacement well for drinking or cooking. Residents are offered bottled water.	This is the first case of a notification of contamination of a replacement well, where the resident is advised (again) to receive free bottled water. VOC contamination detected.	885 Pearl St.
784	ID829	Fishbeck Thompson Carr and Huber Incorporated- Draft Sampling Summary Report	3/8/2005	FTC&H	Email	Email with no report attached. Nothing significant.	Includes maps from January 2005: water table elevation map and TCE and PCE isoconcentration map. Both seem to delineate the plume right next to Scott Creek, which was not the case in maps from earlier years.	All of Pullman community
785	ID830	Bond Expenditure Request	3/10/2005	MI Dept of Environmental Quality	Internal memo	Funding request to cover bottled water costs for 885 Pearl St residence. See ID827.	$1,000 in Bond funding approved for bottled water for 885 Pearl St contamination only 2 days after letter sent to resident. Demonstrates fast reaction to event. See ID827.	885 Pearl St.
786	ID828	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Request for Review of Decision on Reactive VOC Analysis	3/15/2005	MACTEC (formerly Harding ESE)	Email	Discussion abuot technical VOC analysis issues.	N/A	N/A
787	ID816	(Redacted) Resident- MacDonald Fishbeck Thompson Carr and Huber Incorporated - 884 56th Street Requesting Access	3/16/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	884 56th St.
788	ID817	(Redacted) Resident- MacDonald Fishbeck Thompson Carr and Huber Incorporated - 868 56th Street Requesting Access	3/16/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	868 56th St.

789	ID819	(Redacted) Resident- MacDonald Fishbeck Thompson Carr and Huber Incorporated - 03-12-008-075-00 Requesting Access	3/16/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	Parcel 03-12-008-075-00
790	ID820	(Redacted) Resident- MacDonald Fishbeck Thompson Carr and Huber Incorporated - 862 Pullman Street Requesting Access	3/16/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	862 Pullman Ave.
791	ID821	Barnes Barnes Hair Salon- MacDonald Fishbeck Thompson Carr and Huber Incorporated - 890 56th Street Requesting Access	3/16/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	890 56th St (Barnes Hair Salon).
792	ID825	(Redacted) Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Site Access Agreements Verification	3/16/2005	FTC&H	Email	Project planning conversation. Nothing significant.	N/A	N/A
793	ID818	Amos Terrys Auto Sales- MacDonald Fishbeck Thompson Carr and Huber Incorporated - 860 56th Street Requesting Access	3/17/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	N/A	860 56th St (Terry's Auto Sales)
794	ID822	Baugus Als Total- MacDonald Fishbeck Thompson Carr and Huber Incorporated - 860 56th Street Requesting Access	3/17/2005	MI Dept of Environmental Quality	Letter	Property access request submitted to Pullman resident for sampling purposes.	Letter to Al Baugus, not Terry Auto Sales.	860 56th St
795	ID808	(Redacted) Resident- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Groundwater Sampling Plan and Map(1)	3/18/2005	FTC&H	Letter	Notification of fieldwork to resident.	N/A	Not stated.
796	ID809	(Redacted) Resident- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Groundwater Sampling Plan and Map(2)	3/18/2005	FTC&H	Letter	Notification of fieldwork to resident.	N/A	874 56th St.
797	ID810	(Redacted) Resident- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Groundwater Sampling Plan and Map(3)	3/18/2005	FTC&H	Letter	Notification of fieldwork to resident.	N/A	868 56th St.
798	ID811	Larson Larsons Hardware- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Groundwater Sampling Plan and Map	3/18/2005	FTC&H	Letter	Notification of fieldwork to resident.	N/A	840 56th St. (Larson's Hardware)
799	ID813	Amos Terrys Auto Sales- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Groundwater Sampling Plan and Map	3/18/2005	FTC&H	Letter	Notification of fieldwork to resident.	N/A	860 56th St (Terry's Auto Sales)
800	ID814	Baugus Als Total- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Groundwater Sampling Plan and Map	3/18/2005	FTC&H	Letter	Notification of fieldwork to resident.	This address (860 56th St) is listed both as Terry's Auto sales and property of an "Al Baugus", who is not the owner of Terry's Auto Sales.	860 56th St (Terry's Auto Sales)
801	ID815	(Redacted) MacDonald Fishbeck Thompson Carr and Huber Incorporated- Hefferan MDEQ - Relocation of Two Sampling Locations and Revised Geoprobe Locations	3/18/2005	FTC&H	Email	Project planning conversation. Nothing significant.	N/A	N/A
802	ID812	MACTEC Engineering and Consulting of Michigan Incorporated- 64(1)	3/23/2005	MACTEC (formerly Harding ESE)	Letter	Request to MDEQ to change contract to increase FTC&H line item in budget.	N/A	N/A
803	ID826	(Redacted) 886 56th Street- Resident - Access Agreement	3/23/2005	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by Pullman Industries for sampling purposes.	N/A	886 56th St.
804	ID806	MACTEC Engineering and Consulting of Michigan Incorporated- 64(2)	3/24/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
805	ID800	(Redacted) 884 56th Street- Resident - Access Agreement	3/25/2005	MI Dept of Environmental Quality	Letter	Property access consent to MDEQ by Pullman Industries for sampling purposes.	N/A	884 56th St.
806	ID802	Email - (Redacted) Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Follow Up on Access Agreements and Phone Conversation with Property Owner	3/25/2005	FTC&H	Email	FTCH tells MDEQ about the property onwer's concerns that there may have been petroleum spills from previous owners that he does not want to be held responsible for.	This address (860 56th St) appears in the past as Larson Video Shoppe, and aparently there was a gas station in the distant past. According to this entry, the business there is now called "Terry's Auto Sales". ALSO, the entry includes a list of (underground?) tanks across the Pullman community, some in use and some already removed.	860 56th St
807	ID804	3-28-2005 Mobile Sampling Results - 50300181	3/28/2005	MI Dept of Environmental Quality	Internal memo	Lab invoice. No lab results reported.	N/A	N/A
808	ID880	Volatile Analysis Sample Report - 50300181	3/28/2005	MI Dept of Environmental Quality	Lab analysis order	Report on VOC sampling.	Unclear what samples are these. Some of them show VOC contamination, some others do not.	Unclear

809	ID807	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Projected Schedule for Additional Site Characterization Sampling	3/29/2005	FTC&H	Email	Project planning conversation. Nothing significant.	N/A	N/A
810	ID797	Analysis Request Sheets (2)	3/30/2005	MI Dept of Environmental Quality	Lab analysis order	Request for lab analysis of samples	N/A	N/A
811	ID805	Hefferan MDEQ- Rogers MACTEC Engineering and Consulting Incorporated - Summary of Field Activities	3/30/2005	MACTEC (formerly Harding ESE)	Email	Summary of field activity related to monitoring wells. Nothing significant.	N/A	All of Pullman community
812	ID803	Shuttleworth MDEQ- Hefferan MDEQ - Approval of Increase in Trade Fees	4/4/2005	MI Dept of Environmental Quality	Email	Project management and budgeting update. Nothing significant.	N/A	N/A
813	ID801	Analysis Request Sheet - 50400288	4/20/2005	MI Dept of Environmental Quality	Lab analysis order	Request for lab analysis of samples	N/A	N/A
814	ID791	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8134812	5/3/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
815	ID792	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8138235	5/3/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
816	ID796	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Information Regarding Monitoring Well Installations	5/3/2005	FTC&H	Email	Planning discussion about monitoring wells' boring specifications.	N/A	All of Pullman community
817	ID798	Hefferan MDEQ- Colvin Fishbeck Thompson Carr and Huber Incorporated - Clarification on Stream Sampling and Clay Unit Investigation	5/12/2005	FTC&H	Email	Planning discussion about monitoring wells' boring specifications.	N/A	All of Pullman community
818	ID793	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8142603	5/25/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
819	ID799	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Request for Approval of New Monitoring Well Sampling Schedule	5/25/2005	MACTEC (formerly Harding ESE)	Email	Planning discussion about monitoring wells' boring specifications.	N/A	All of Pullman community
820	ID794	TriMatrix Laboratories Incorporated- 5-16-2005 and 5-17-2005 Water Sampling Results - 36875-1	6/6/2005	TriMatrix Labs	Lab results report	Analytical results from 11 monitoring wells (locations unclear). Several wells report contamination with several VOCs.	Monitoring well VOC contamination persists as of June 2005.	All of Pullman community
821	ID873	Analysis Request Sheets	6/7/2005	MI Dept of Environmental Quality	Lab analysis order	Request for lab analysis of samples	N/A	N/A
822	ID795	MacDonald Fishbeck Thompson Carr and Huber Incorporated- Williams MACTEC Engineering and Consulting of Michigan Incorporated - Comments on September 2004 and January 2005 Groundwater Monitoring Report	6/10/2005	MACTEC (formerly Harding ESE)	Letter	Discussion about potential degradation of the contaminants in the plume.	N/A	All of Pullman community
823	ID789	(Redacted) - TriMatrix Laboratories Incorporated- 77727	6/15/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request for TriMatrix Labs.	N/A	N/A
824	ID790	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8147785	6/15/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
825	ID838	MACTEC Engineering and Consulting- Project Management Interim Evaluation(9)	6/15/2005	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
826	ID884	MACTEC Engineering and Consulting- Project Management Interim Evaluation(1)	6/16/2005	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
827	ID883	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporation - Review of MACTEC Comments on September 2004 and January 2005 Groundwater Monitoring	7/5/2005	MACTEC (formerly Harding ESE)	Email	Project reporting conversation.	N/A	N/A
828	ID875	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Information Regarding Site Survey	7/15/2005	FTC&H	Email	Update to MDEQ on pending tasks.	N/A	N/A
829	ID877	Hefferan MDEQ- Williams MACTEC Engineering and Consulting Incorporated - Information for Site Action Plans	7/18/2005	MI Dept of Environmental Quality	Email	Conversation on the need to identify any new technologies to clean up the plume, beyond the pump and treatment system that will be lenghty and expensive. This motivates MACTEC's proposed three-tranche approach in ID876.	Demonstrates that DMEQ and MASCTEC keep looking for options to clean up the plume as quickly and effectively as possible.	All of Pullman community
830	ID866	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8152377	7/21/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A

831	ID885	MACTEC Engineering and Consulting- Project Management Interim Evaluation(2)	7/21/2005	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
832	ID874	Hefferan MDEQ- Lack MDEQ - Comments Regarding Funding Database	7/29/2005	MI Dept of Environmental Quality	Email	Budgeting conversation.	Indicates that, to date, approx. $1.75 million has been committed (not yet spent) to the Pullman Ave and 109th Ave project. Note that another $1M is to be requested until project closure in 2015, per ID871.	All of Pullman community
833	ID878	Hefferan MDEQ- Williams MACTEC Engineering and Consulting of Michigan Incorporated - Project Deliverables	8/3/2005	MACTEC (formerly Harding ESE)	Letter	Project management update. Nothing significant.	N/A	N/A
834	ID881	Williams MACTEC Engineering and Consulting Incorporated- Hefferan MDEQ - 1995 Partial NPDES Permit Application - MI0039390	8/3/2005	MI Dept of Environmental Quality	Form	Old NPDES Permit from 1995.	N/A	N/A
835	ID867	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8156802	8/4/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
836	ID876	Hefferan MDEQ- Williams MACTEC Engineering and Consulting Incorporated - Comments on Remedial Alternatives for Site	8/10/2005	MACTEC (formerly Harding ESE)	Email	Email to MDEQ assessing several technical approaches to cleaning up the plume. The engineer proposes separating the plume in three tranches (high-mid-low sections) and treating them separately and according to their particular characteristics.	MACTEC proposes a three-tranches approach to cleaning up the plume.	All of Pullman community
837	ID882	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Sewer Cleaning Update	8/11/2005	FTC&H	Email	PII site sewer cleaning update. Having trouble videotaping the piping due to extreme clogging.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
838	ID872	(Redacted) TriMatrix Laboratories Incorporated- 77907	8/15/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request for TriMatrix Labs.	N/A	N/A
839	ID853	Fishbeck Thompson Carr and Huber Incorporated- Groundwater Monitoring Report September 2004 and January 2005	8/22/2005	FTC&H	Report	Quarterly Groundwater monitoring report - September 2004 and January 2005	In Sept 2004, as many as 7 different VOCs detected in 10 monitoring wells in the Pullman community and near Scott Creek. PCE, TCE, and dis1-2DCE with particular intensity. In Jan 2005, as many as 8 different VOCs detected in 10 monitoring wells in the Pullman community and near Scott Creek. PCE, TCE, and dis1-2DCE with particular intensity. Report includes a groundwater elevation map that confirms (with metrics) the groundwater flow downgradient towards the southwest, from the PII plant site towards Scott Creek. NOTE: At present, the VOC groundwater exposure for drinking water is limited to the plume pathway. Wells near Scott Creek do not detect dangerous concentrations of VOCs.	All of Pullman community
840	ID869	Hefferan MDEQ- Tilotti Northern A1 - Information Regarding Generator Waste Profile Questions	8/23/2005	FTC&H	Email	Discussion over treatment of hazardous materials.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
841	ID870	Project Update Meeting	8/26/2005	FTC&H	Report	Update on remediation project progress as of August 2005.	Plume has not crossed Scott Creek in the area around Pullman Road. The PCE mass of the plume has advanced further west than anticipated. Contaminants from the plume are venting into the Creek in the area west of Pullman Rd, though apparently at lower concentrations than GSI levels. The PII site's sewer system seems to be completely plugged with sediment and oily material. No VOC detections at the clay unit below the Creek.	All of Pullman community
842	ID871	unknown (2)	8/29/2005	MI Dept of Environmental Quality	Report	Site status report on implementation activities. Great summary of what´s been done historically to date.	Highlights: the project closure date has shifted from 2011 to 2015. Main reason is that the groundwater remediation evaluation is delayed. The initial remediation plan (groundwater pump and treatment system is not yet approved, pending the ongoing evaluation of Scott Creek and the area downgradient from the PII site to the creek (which is documented in many of the entries in this database). Once that step is taken, if the pump/treatment system is implemented, there will be a need for about $1M more in funding for the O&M phase.	All of Pullman community
843	ID868	TriMatrix Laboratories Incorporated- 8-29-2005 Solid Waste Sampling Results - 36875-3	9/7/2005	MI Dept of Environmental Quality	Lab results report	Analytical results done for FTC&H of solid waste samples taken 8/29/2005 at PII site.	Detects excessive levels of lead, cadmium, and barium.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
844	ID861	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8161853	9/13/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
845	ID852	Fishbeck Thompson Carr and Huber Incorporated- Groundwater Monitoring Report July 2005	9/26/2005	FTC&H	Report	Quarterly Groundwater monitoring report - July 2005	As many as 7 different VOCs detected in 10 monitoring wells in the Pullman community and near Scott Creek. PCE, TCE, and dis1-2DCE with particular intensity. Groundwater elevation metrics have not changed since the April 2005 report. NOTE: At present, the VOC groundwater exposure for drinking water is limited to the plume pathway. Wells near Scott Creek do not detect dangerous concentrations of VOCs.	All of Pullman community
846	ID886	MACTEC Engineering and Consulting- Project Management Interim Evaluation(3)	9/28/2005	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
847	ID862	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8166421	9/30/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
848	ID864	(Redacted) TriMatrix Laboratories Incorporated- 78385	9/30/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request for TriMatrix Labs.	N/A	N/A
849	ID865	Wolfe- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Waste Profiles	10/12/2005	FTC&H	Email	FTCH request to MDEQ to fill out waste disposal forms to dispose of PII site sewer and drum waste.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)

850	ID863	MacDonald Fishbeck Thompson Carr and Huber Incorporated- Williams MACTEC Engineering and Consulting of Michigan Incorporated - Comments on July 2005 Groundwater Monitoring Report	10/20/2005	MACTEC (formerly Harding ESE)	Letter	MACTEC feedback to FTCH on its Quarterly Monitoring Report July 2005. See ID852. Nothing significant.	N/A	N/A
851	ID856	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8168841	10/24/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
852	ID857	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8168838	10/24/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
853	ID858	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8168837	10/24/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
854	ID859	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8168831	10/24/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
855	ID860	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8168830	10/24/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
856	ID850	Fishbeck Thompson Carr and Huber Incorporated- Quarterly Groundwater Monitoring Report April 2005	10/26/2005	FTC&H	Report	Quarterly Groundwater monitoring report - April 2005	As many as 8 different VOCs detected in 10 monitoring wells in the Pullman community and near Scott Creek. PCE and TCE with particular intensity. Groundwater elevation metrics have not changed since the January 2005 report. NOTE: At present, the VOC groundwater exposure for drinking water is limited to the plume pathway. Wells near Scott Creek do not detect dangerous concentrations of VOCs. Also, notice the timeline. This April monitoring report is delivered in October. Another illustration of the slow pace of things.	All of Pullman community
857	ID855	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Update on Submittals and Current Schedule	11/11/2005	FTC&H	Email	Update on pending tasks.	Mentions that the PII site's sewer cleanup and drum removal are scheduled for the week of October 31, 2005.	N/A
858	ID840	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8172818	11/14/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
859	ID841	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8173560	11/14/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
860	ID848	(Redacted) - MACTEC Engineering and Consulting of Michigan Incorporated-8172376	11/14/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
861	ID854	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8171273	11/14/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
862	ID887	MACTEC Engineering and Consulting- Project Management Interim Evaluation(4)	11/14/2005	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
863	ID849	MacDonald Fishbeck Thompson Carr and Huber Incorporated- Williams MACTEC Engineering and Consulting of Michigan Incorporated - Comments on Soil Vapor Extraction Pilot Operation Summary Report	11/22/2005	MACTEC (formerly Harding ESE)	Letter	MACTEC feedback to FTCH on its SVE pilot report dated November 22, 2005. See ID842. Nothing significant.	N/A	N/A
864	ID851	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Revisions to July 2005 Groundwater Monitoring Report	11/22/2005	FTC&H	Letter	Response to MACTEC comments on the Quarterly Monitoring report (ID850).	N/A	N/A
865	ID846	Non Contractual Invoice - (Redacted) - MDEQ- 06-MI0056651	12/1/2005	MI Dept of Environmental Quality	Form	NPDES Permit fee invoice.	N/A	N/A
866	ID888	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Transmittal of Revised Figure and Tables for Soil Vapor Extraction Pilot Operation	12/8/2005	FTC&H	Fax cover letter	Project management discussion.	N/A	N/A
867	ID847	MacDonald Fishbeck Thompson Carr and Huber Incorporated- Williams MACTEC Engineering and Consulting of Michigan Incorporated - Comments on Remedial Investigation Addendum Report	12/9/2005	MACTEC (formerly Harding ESE)	Letter	MACTEC feedback to FTCH on its draft RI Addendum report dated November 22, 2005.	N/A	N/A
868	ID845	Meeting Attendance	12/12/2005	MI Dept of Environmental Quality	Attendance list	Attendance list for MDEQ meeting with project partners.	N/A	N/A

869	ID844	(Redacted) Summary of Sampling Events (3)	12/13/2005	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2006 (as of 12/1432005). It's a total of 72 events at 72 different residential and commercial locations. Most are annual sampling events.	List of 72 sampling test locations in the Pullman community. Results not shown. Demonstrates very active monitoring effort.	All of Pullman community
870	ID839	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8176686	12/20/2005	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
871	ID879	MACTEC Engineering and Consulting- Project Management Interim Evaluation(5)	12/20/2005	MI Dept of Environmental Quality	Internal memo	Project management interim evaluation (one-pager). Nothing significant.	N/A	N/A
872	ID843	Hefferan MDEQ- Williams MACTEC Engineering and Consulting Incorporated - Information Regarding Cell Phone	12/21/2005	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
873	ID930	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Revisions to Remedial Investigation Addendum Report	12/23/2005	FTC&H	Letter	FTCH response to MACTEC feedback on the RI Addendum.	N/A	N/A
874	ID842	Fishbeck Thompson Carr and Huber Incorporated- Soil Vapor Extraction Pilot Operation Summary	12/30/2005	FTC&H	Report	Soil Vapor Extraction Pilot Operation Summary	Concludes that the AS/SVE system shuold be effective to remove soil and groundwater contaminants significantly, if not completely.	All of Pullman community
875	ID889	Fishbeck Thompson Carr and Huber Incorporated- Remedial Investigation Addendum	12/30/2005	FTC&H	Report	Remedial Investigation Addendum. Presents a summary of the site investigation activites done to date.	Includes updated maps (as of July 2005) delineating the plume horizontally and vertically (figs 4, 5, and 8). The plume contains high levels of PCE, TCE, 1-1DCE and 1-2DCE. Near the PII site, the main contaminant is PCE (contamination levels there are decreasing). At the center of the plume, PCE and TCE. Toward the western edge of the plume, 1.2DCE is and TCE (TCE levels seem to be increasing here). This pattern suggests a natural process of attenuation from PCE to TCE to DCE taking place. A map summarizing the Pullman area's drinking wells and their current status is in Appendix A. No VOCs detected south of Scott Creek. VOCs in groundwater extend to Scott Creek near Pullman Road. Figure 8 suggests that the contaminated groundwater is discharging into the Creek, since no VOCs are detected south of the Creek. So, the creek acts as a hydraulic boundary to groundwater flow and contamination. Recommendations: continue quarterly monitoring groundwater samples for 2 years (which helps monitor and also informs whether a natural attenuation strategy makes sense), complete clean up of PII site drain piping network, model plume migration patterns to foresee future potential impacts. abandon old Pearl Creamery wells,	All of Pullman community
876	ID891	(Non-CM) Fishbeck Thompson Carr and Huber Incorporated- Drain Inspection and Video of Piping	12/30/2005	FTC&H	Report	Mapping out and videorecording the drainage piping system at and around the PII site.	Videorecording was deficient due to heavy presence of sediment and oily materials. Surveying/mapping of the sewer and drainage system was completed successfully. The document includes a diagram of the PII site's piping, including the drainage pipe conducting the Scott River.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
877	ID920	Williams MACTEC Engineering and Consulting Incorporated- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Drain Inspection	12/30/2005	FTC&H	Report	Mapping out and videorecording the drainage piping system at and around the PII site. Same as ID891.	Videorecording was deficient due to heavy presence of sediment and oily materials. Surveying/mapping of the sewer and drainage system was completed successfully. The document includes a diagram of the PII site's piping, including the drainage pipe conducting the Scott River.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
878	ID919	Remedial Investigation Addendum	Early 2006	FTC&H	Map	Pullman community map including all the testing sites and results per site.	Useful visual of Pullman testing sites and testing results til early 2006.	All of Pullman community
879	ID965	GSS- Request for Services	2006	MI Dept of Environmental Quality	Form	Request that MDEQ geological personnel abandon 20+ SVE wells, 2 monitoring wells, and old water supply wells at the PII site.	Abandoning the SVE and MW wells at the PII site seems to indicate that remedial operations there are indeed coming to an end.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
880	ID46	Site Summary (4)	2006	MI Dept of Environmental Quality	Site History Summary	In 1991, the Department discovers that about 30 shallow residential wells had been contaminated with VOCs emanating from Pullman Industries. Bottled water supplied to affected residences between 1991 and when the wells were replaced in 1997. The new wells are deeper than the contaminated plume but are not in a protected aquifer. Some of the new wells do not produce water in adequate quantity. Old Pullman dissolved in 1985 and New Pullman is not liable for prior contamination. State soil and groundwater investigations started in 1997 and defined the size and extent of the contaminant plume near Scott Creek. Both Pullman Industries and gas stations in the area impacted the soil and the groundwater. Both TCE and PCE were detected in very large amounts. Soil vapor extraction completed in 2004. Remedial action feasilbility analysis completed and scope/extent of plume was mapped (2006) but funding not available to implement remediation and monitoring plan. While monitoring exists to some extent, residential wells are at risk as long as the plume is not remediated. Potential conduits between the Pullman Industries plant and the aquifer remain in place, and remedial action should have been started and monitored for ten years (2008-2018). Approx $1.25 million needed but not available.	Summary of contamination history related to Pullman Industries, affecting at least 30 residential wells. Potential for continued contamination remains unless remedial action not implemented/funded (not done as of 2006).	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
881	ID917	(Redacted) MacDonald Fishbeck Thompson Carr and Huber Incorporated- Rubitschun MDEQ - Response Summary Letter	1/3/2006	FTC&H	Email	Project management conversation. Nothing significant.	N/A	N/A
882	ID908	(Redacted) Resident- Rubitschun MDEQ - Notification of Well Contamination	1/4/2006	Allegan Co. Health Dept.	Letter	Informs resident that the well in this address is vulnerable to contamination. Recommends connecting to a Type III water system free of charge.	Offer to connect residential well to Type III well.	5634 109th Ave.
883	ID911	(Redacted) Resident- Rubitschun MDEQ - 885 Pearl Street Water Well Sampling Results(2)	1/4/2006	Allegan Co. Health Dept.	Letter	Notification to new tenant that some level of TCE has been detected in the well and to stop using the well for drinking and cooking. Bottled water is offered.	This is a replacement well that is re-contaminated. See ID830, 827, and 766.	885 Pearl St.
884	ID916	Militello Pullman Tavern- Rubitschun MDEQ - Notification of Well Contamination	1/4/2006	Allegan Co. Health Dept.	Letter	Informs resident that the well in this address is vulnerable to contamination. Recommends connecting to a Type III water system free of charge.	Offer to connect residential well to Type III well.	5604 109th Ave (Pullman Tavern).

885	ID918	(Redacted) Resident- Rubitschun MDEQ - 885 Pearl Street Water Well Sampling Results(1)	1/4/2006	Allegan Co. Health Dept.	Letter	Informs resident that the well in this address is vulnerable to contamination. Recommends connecting to a Type III water system free of charge.	Offer to connect residential well to Type III well. See ID830, 827, and 766, and 911.	885 Pearl St.
1137	ID915	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Information Regarding Monitoring Wells	1/5/2006	MI Dept of Environmental Quality	Email	Discussion about status of all types of wells at the PII site as MDEQ is planning to close out all its activities there.	Discussion about status of all types of wells at the PII site as MDEQ is planning to close out all its activities there.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
886	ID905	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8181029	1/11/2006	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
887	ID914	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Drain Inspection Report and Sewer Cleaning Update	1/12/2006	MI Dept of Environmental Quality	Email	Discussion with FTCH about why PII sewer cleanup has been delayed (essentially because the blockage is heavy and permits to remove hazardous materials took too long).	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
888	ID913	Carol MDEQ- Rubitschun MDEQ - Comments Regarding Report Contents	1/13/2006	MI Dept of Environmental Quality	Email	Project management conversation. Nothing significant.	N/A	N/A
889	ID933	Summary of Sampling Events	1/13/2006	MI Dept of Environmental Quality	Report	List of sampling events conducted historically at both of Township Hall's wells (potable and non-potable water wells).	The potable well had VOCs and other substances detected in 1996, but none again since 2001. The non-potable well has VOC detects as of 2003.	877 56thSt (Lee Township Hall and Fire Barn)
890	ID910	Pullman Pellets- Williams Allegan County Health Department - 5581 109th Avenue Water Well Sampling Results	1/20/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected. This address was part of the 1997 replacement program.	5581 109th St (Pullman Pellets).
891	ID912	Als Citco- Williams Allegan County Health Department - 5625 109th Avenue Water Well Sampling Results	1/20/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected. This site has been a gas station since at least 1996.	5625 109th Ave (Al's Citgo)
892	ID937	Als Citgo- Williams Allegan County Health Department - Water Sampling Results	1/20/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5625 109th Ave (Al's Citgo)
893	ID938	Pullman Pellets- Williams Allegan County Health Department - Water Sampling Results	1/20/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5581 109th St (Pullman Pellets).
894	ID909	Fishbeck Thompson Carr and Huber Incorporated- 8-29-2005 Storm Sewer Sediment Sampling Results and Waste Profile	1/26/2006	FTC&H	Report	Sediment samples collected at the PII site sewer and piping system are detected for cadmium, barium, and lead (no VOCs or other contaminants detected). Only lead exceeds maximum TCLP contaminant levels. Sediments remain in place until further notice.	Detection of high levels of lead at PII sewer and piping system.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
895	ID901	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated- 8185122	2/8/2006	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
896	ID898	(Redacted) Resident- Williams Allegan County Health Department - 882 56th Street Water Well Sampling Results (2)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	882 56th St.
897	ID899	(Redacted) Resident- Williams Allegan County Health Department - 874 56th Street Water Well Sampling Results (3)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 56th St.
898	ID900	(Redacted) Resident- Williams Allegan County Health Department - 884 56th Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of trichloroethane contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	884 56th St.
899	ID902	(Redacted) Resident- Williams Allegan County Health Department - 868 56th Street Water Well Sampling Results (3)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 56th St.
900	ID903	(Redacted) Resident- Williams Allegan County Health Department - 5587 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5587 North St.
901	ID904	(Redacted) Resident- Williams Allegan County Health Department - 5594 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 North St.
902	ID906	(Redacted) Resident- Williams Allegan County Health Department - 5568 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5568 North St.
903	ID907	(Redacted) Resident- Williams Allegan County Health Department - 5574 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5574 North St.
904	ID921	Homeowner- Williams Allegan County Health Department - 5588 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 North St.
905	ID922	Larson Hardware- Williams Allegan County Health Department - 840 56th Street Water Well Sampling Results (2)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	840 56th St. (Larson's Hardware)
906	ID923	Post Master Pullman Post Office- Williams Allegan County Health Department - 887 56th Street Water Well Sampling Results (2)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	887 56th St (US Post Office).
907	ID924	Verizon- Williams Allegan County Health Department - 5598 109th Avenue Water Well Sampling Results (2)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5598 109th Ave (Verizon).
908	ID926	(Redacted) Resident- Williams Allegan County Health Department - 909 56th Street Water Well Sampling Results (3)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	909 56th St.

909	ID927	Barnes Hair Saloon- Williams Allegan County Health Department - 890 56th Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of dichlorodifluoromethane contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	N/A	890 56th St (Barnes Hair Salon).
910	ID928	Baugus- Williams Allegan County Health Department - 847 56th Street Water Well Sampling Results (2)	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	847 56th St.
911	ID929	Homeowner- Williams Allegan County Health Department - 5571 North Street Water Well Sampling Results	2/17/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5571 North St.
912	ID890	(Redacted) Resident- Williams Allegan County Health Department - 5584 North Street Water Well Sampling Results (2)	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5584 North St.
913	ID893	(Redacted) Resident- Williams Allegan County Health Department - 886 Pullman Water Well Sampling Results	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 Pullman Ave.
914	ID894	(Redacted) Resident- Williams Allegan County Health Department - 5583 North Street Water Well Sampling Results	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5583 North St.
915	ID895	(Redacted) Resident- Williams Allegan County Health Department - 880 Pullman Water Well Sampling Results (2)	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	880 Pullman Ave.
916	ID896	(Redacted) Resident- Williams Allegan County Health Department - 5565 North Street Water Well Sampling Results	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5565 North St.
917	ID897	(Redacted) Resident- Williams Allegan County Health Department - 868 Pullman Water Well Sampling Results (2)	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 Pullman Ave.
918	ID925	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67651	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 Pullman Ave.
919	ID931	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67649	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5583 North St.
920	ID932	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67650	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 Pullman Ave.
921	ID934	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67646	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5565 North St.
922	ID935	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67647	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	880 Pullman Ave.
923	ID936	(Redacted) MDEQ Laboratory- 02-10-2006 Water Sampling Results LA67648	2/22/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5584 North St.
924	ID892	(Redacted) Resident- Williams Allegan County Health Department - 5590 South Water Well Sampling Results	3/7/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5590 South St.
925	ID978	(Redacted) Resident- Williams Allegan County Health Department - 5594 South Water Well Sampling Results	3/7/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 South St.
926	ID981	Resident- Williams Allegan County Health Department - 5587 89 South Water Well Sampling Results	3/7/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of styrene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5587-89 South St.
927	ID982	(Redacted) MDEQ Laboratory- 02-25-2006 Water Sampling Results LA69803	3/7/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 South St.
928	ID983	(Redacted) MDEQ Laboratory- 02-25-2006 Water Sampling Results LA69804	3/7/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5590 South St.
929	ID984	MDEQ Laboratory- 2-25-2006 Water Sampling Results LA69802	3/7/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of styrene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5587-89 South St.
930	ID971	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8190390	3/14/2006	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
931	ID972	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8192289	3/14/2006	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
932	ID975	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8185766	3/14/2006	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
933	ID976	(Redacted) MACTEC Engineering and Consulting of Michigan Incorporated-8190454	3/14/2006	MI Dept of Environmental Quality	Internal memo	Contract payment request (partial) for MACTEC Engineering (formerly Harding ESE).	N/A	N/A
934	ID944	Simons MDEQ- Bondy MACTEC Engineering and Consulting of Michigan Incorporated - Submittal of Contract Change Orders 42 and 77 and Contract Modification 58(1)	3/21/2006	MACTEC (formerly Harding ESE)	Letter	Contract change order request to close out the contract.	Contract close out request. Unclear why, if work plan activities are not yet completed.	N/A
935	ID945	Simons MDEQ- Bondy MACTEC Engineering and Consulting of Michigan Incorporated - Submittal of Contract Change Orders 42 and 77 and Contract Modification 58(2)	3/21/2006	MACTEC (formerly Harding ESE)	Letter	Contract change order request to close out the contract. Same as ID944.	Contract close out request. Unclear why, if work plan activities are not yet completed.	N/A

936	ID979	Email - Simons MDEQ- Hefferan MDEQ - Approval of Site Project Management Contract Closure	3/28/2006	MI Dept of Environmental Quality	Email	Discussion about the last three MACTEC invoice requests and upcoming project closeout.	MACTEC closeout decision is very recent, as Procurement Lead says that he "just learned" about it. MDEQ Project Manager indicates that soon she'll be opening a new project to conitnue implementing remediation and O&M (in a new contract with someone else). Closeout request reduces allocations by $900k. Seems very sudden, there was no indication until early 2006.	N/A
937	ID939	MACTEC Engineering and Consulting of Michigan Incorporated- 42(2)	3/29/2006	MI Dept of Environmental Quality	Internal memo	Contract change order to decrease management expenses and close out contract.	N/A	N/A
938	ID940	MACTEC Engineering and Consulting of Michigan Incorporated- 77(1)	3/29/2006	MI Dept of Environmental Quality	Internal memo	Contract change order to decrease trade contract services and close out contract.	N/A	N/A
939	ID941	MACTEC Engineering and Consulting of Michigan Incorporated- 77(2)	3/29/2006	MI Dept of Environmental Quality	Internal memo	Contract change order to decrease trade contract services and close out contract.	N/A	N/A
940	ID948	MACTEC Engineering and Consulting of Michigan Incorporated- 42(1)	3/29/2006	MI Dept of Environmental Quality	Internal memo	Contract change order to decrease management expenses and close out contract.	N/A	N/A
941	ID986	Lacy Lee Township- Lahti MDEQ - Agreement for Alternate Water Supply(1)	4/17/2006	MI Dept of Environmental Quality	Letter	Agreement to provide Lee Township $6,000 to fund the connection of 3 additional homes to its Type III water well system.	3 new connections to the Type III water system. These were replacement wells.	All of Pullman community
942	ID987	Lacy Lee Township- Lahti MDEQ - Agreement for Alternate Water Supply(2)	4/17/2006	MI Dept of Environmental Quality	Letter	Agreement to provide Lee Township $6,000 to fund the connection of 3 additional homes to its Type III water well system. Same as ID986.	3 new connections to the Type III water system. These were replacement wells.	All of Pullman community
943	ID974	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results(4)	5/15/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
944	ID977	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(7)	5/15/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
945	ID980	(Redacted) MDEQ Laboratory- 05-08-2006 Water Sampling Results LA82914	5/15/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
946	ID985	MDEQ Laboratory- 5-8-2006 Water Sampling Results LA82913	5/15/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
947	ID958	(Redacted) Resident- Ghavami MDEQ - Notification of Environmental Contamination	7/14/2006	MI Dept of Environmental Quality	Letter	Notice that this site has been included in an environmental contamination list pursuant Part 201.	Notice that this site has been included in an environmental contamination list pursuant Part 201.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
948	ID967	Hefferan MDEQ- MacDonald Fishbeck Thompson Carr and Huber Incorporated - Hazardous Waste Recertification Form	9/12/2006	FTC&H	Form	Form related to environmental waste management services contracting.	N/A	N/A
949	ID968	MDEQ- Site Financial Overview	9/13/2006	MI Dept of Environmental Quality	Internal memo	Notice that no more waste disposal is anticipated at the PII site "for the foreseeable future."	Clearly indicates that work at the PII site is on hold indefinitely.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
950	ID959	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results	9/26/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue. Styrene was detected but that´s related to shipping containers.	Unharmful VOC trace detection.	885 Pearl St.
951	ID970	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results(5)	9/28/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue. Styrene was detected but that´s related to shipping containers.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
952	ID973	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(8)	9/28/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue. Styrene was detected but that´s related to shipping containers.	Unharmful VOC trace detection.	5575 North St.
953	ID966	MDEQ- 2007 Action Plan Record	11/28/2006	MI Dept of Environmental Quality	Form	2007 Action Plan record requesting $1M for "remedy" at Pullman and 109th project, and another $200k for O&M for 10 years.	Unclear why is MACTEC closing out if they were supposed to implement the "remedy", which has not been yet implemented, and funding for it is still being requested. Seems to mean that MDEQ wanted to change contractor??	All of Pullman community
954	ID964	Email - Norton MDEQ- Rubitschun MDEQ - Request for Expedited Approval of Additional Funding Request	11/30/2006	MI Dept of Environmental Quality	Email	Request for additional funds ($6,000) to cover the connection of 3 additional wells to the Type III well in Pullman. These three are replacement wells that have recently been contaminated. These funds add to another $6,000 tranche approved in March 2006.	3 of the approx. 30 replacement wells from 1997 have been contaminated and are now being abandoned. These 3 addresses will be connected to the Type III well system.	All of Pullman community
955	ID963	Non Contractual Invoice - (Redacted) MDEQ- 407540 - MI0056651	12/1/2006	MI Dept of Environmental Quality	Form	NPDES Permit invoice.	Assume this was not paid, as cancellation letter dates 12/29/2006, per ID956.	N/A
956	ID953	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Street Water Well Sampling Results (2)	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
957	ID955	Northwoods Restaurant- Williams Allegan County Health Department - 5627 109th Avenue Water Well Sampling Results	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected. Styrene was detected but that´s related to shipping containers.	VOC contamination NOT detected.	5627 109th Ave (Northwoods Restaurant).
958	ID957	Preferred Market- Williams Allegan County Health Department - 5615 109th Avenue Water Well Sampling Results	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5615 109th Ave (Preferred Market)
959	ID960	(Redacted) Resident- Williams Allegan County Health Department - 5568 North Water Well Sampling Results (2)	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5568 North St.
960	ID961	(Redacted) Resident- Williams Allegan County Health Department - 5571 North Street Water Well Sampling Results	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5571 North St.

961	ID962	Als Total- Williams Allegan County Health Department - 5625 109th Avenue Water Well Sampling Results (2)	12/14/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected. Styrene was detected but that´s related to shipping containers.	VOC contamination NOT detected.	5625 109th Ave (Al's Citgo)
962	ID969	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results(3)	12/14/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
963	ID954	Email - ODonnell MDEQ- Hefferan MDEQ - Request for Cancellation of NPDES Permits - MI0057417 and MI0056651	12/15/2006	MI Dept of Environmental Quality	Email	Cancellation request for the NPDES Permit for the Pullman Ave and 109th Ave Project.	Reason for cancellation: "there is not sufficient funding at this time and the affected wells have been replaced" .	All of Pullman community
964	ID956	ODonnell MDEQ- Norton MDEQ - NPDES Permit Termination - MI0056651	12/20/2006	MI Dept of Environmental Quality	Letter	NPDES Permit termination letter.	NPDES Permit terminatino letter.	All of Pullman community
965	ID946	(Redacted) Resident- Williams Allegan County Health Department - 868 56th Street Water Well Sampling Results (2)	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 56th St.
966	ID947	(Redacted) Resident- Williams Allegan County Health Department - 874 56th Street Water Well Sampling Results (2)	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected. Styrene was detected but that´s related to shipping containers.	VOC contamination NOT detected.	874 56th St.
967	ID949	Post Master Pullman Post Office- Williams Allegan County Health Department - 887 56th Street Water Well Sampling Results	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	887 56th St (US Post Office).
968	ID950	Baugus Als Total- Williams Allegan County Health Department - 847 56th Street Water Well Sampling Results	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	847 56th St.
969	ID951	Larson Hardware- Williams Allegan County Health Department - 840 56th Street Water Well Sampling Results	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	840 56th St. (Larson's Hardware)
970	ID952	Lee Township Hall- Williams Allegan County Health Department - 877 56th Street Water Well Sampling Results	12/21/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	877 56thSt (Lee Township Hall and Fire Barn)
971	ID942	(Redacted) Resident- Williams Allegan County Health Department - 849 Pullman Water Well Sampling Results	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	849 Pullman Ave.
972	ID943	(Redacted) Resident- Williams Allegan County Health Department - 868 Pullman Water Well Sampling Results	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 Pullman Ave.
973	ID1029	Levicola Auction- Williams Allegan County Health Department - 5581 109th Avenue Water Well Sampling Results	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5581 109th St (Levicola Auction).
974	ID1031	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results(1)	12/27/2006	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	885 Pearl St.
975	ID1033	Pats Excavating- Williams Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results(1)	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
976	ID1035	(Redacted) Resident- Williams Allegan County Health Department - 5580 North Street Water Well Sampling Results	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 North St.
977	ID1036	(Redacted) Resident- Williams Allegan County Health Department - 5584 North Street Water Well Sampling Results	12/27/2006	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5584 North St.
978	ID1016	Resident- Williams Allegan County Health Department - 5588 North Water Well Sampling Results	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 North St.
979	ID1019	Studio 109- Williams Allegan County Health Department - 5582 109th Avenue Water Well Sampling Results	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5582 109th Ave (Terra Rcor).
980	ID1020	(Redacted) Resident- Williams Allegan County Health Department - 5574 North Water Well Sampling Results(1)	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5574 North St.
981	ID1021	(Redacted) Resident- Williams Allegan County Health Department - 5587 109th Avenue Water Well Sampling Results	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5587 109th Ave. (OddFellows Hall)
982	ID1023	Cuningham Verizon- Williams Allegan County Health Department - 5598 109th Avenue Water Well Sampling Results	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5598 109th Ave (Verizon).
983	ID1024	(Redacted) Resident- Williams Allegan County Health Department - 5594 North Water Well Sampling Results	1/17/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of trichloroethylene has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5594 North St.
984	ID1025	Barnes Hair Salon- Williams Allegan County Health Department - 890 56th Street Water Well Sampling Results(1)	1/17/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of chloroform and trialomethanes has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	890 56th St (Barnes Hair Salon).
985	ID1026	(Redacted) Resident- Williams Allegan County Health Department - 884 56th Street Water Well Sampling Results(1)	1/17/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of styrene contaminant has been found in this well. Nothing needs to be done but monitoring will continue. Styrene presence is related to shipping containers.	Unharmful VOC trace detection.	884 56th St.

986	ID1028	(Redacted) Resident- Williams Allegan County Health Department - 909 56th Street Water Well Sampling Results (2)	1/17/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	909 56th St.
987	ID1032	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results(2)	1/17/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	885 Pearl St.
988	ID1012	(Redacted) Resident- Williams Allegan County Health Department - 5595 North Water Well Sampling Results	1/18/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5595 North St.
989	ID1013	Pullman Elementary- Williams Allegan County Health Department - 5580 South Water Well Sampling Results	1/25/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of m & p-Xylene has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5580 South St. (Pullman Elementary School).
990	ID1014	Resident- Williams Allegan County Health Department - 5577 109th Avenue Water Well Sampling Results (2)	1/25/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of styrene contaminant has been found in this well. Nothing needs to be done but monitoring will continue. Styrene presence is related to shipping containers.	Unharmful VOC trace detection.	5577 109th Ave.
991	ID1015	Lee Township Wells- Williams Allegan County Health Department - 5570 South Water Well Sampling Results	1/25/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	877 56thSt (Lee Township Hall and Fire Barn)
992	ID1007	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(5)	2/6/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
993	ID1010	(Redacted) Resident- Williams Allegan County Health Department - 846 56th Street Water Well Sampling Results	2/6/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	846 56th St.
994	ID1011	(Redacted) Resident- Williams Allegan County Health Department - 949 Pullman Water Well Sampling Results	2/6/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	949 Pullman Ave.
995	ID1009	Church- Williams Allegan County Health Department - 861 56th Street Water Well Sampling Results	4/5/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of chloroform (which may have been from water supply system disinfection) has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	861 56th St.
996	ID1008	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(6)	5/8/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
997	ID1018	Pullman Tavern- Williams Allegan County Health Department - 5604 109th Avenue Water Well Sampling Results(2)	5/8/2007	Allegan Co. Health Dept.	Letter	Testing indicates that some level of tetrachloroethylene has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5604 109th Ave (Pullman Tavern).
998	ID990	MDEQ- Monitor Well Abandonment Record	5/29/2007	MI Dept of Environmental Quality	Internal memo	Memo confirming that geological personnel have abandoned SVE, MW, and other wells at the PII site, per order in ID965.	PII site wells abandoned in May 2007.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
999	ID1003	Lack MDEQ- Ballo MDEQ - Status of Water Main Connections	8/20/2007	MI Dept of Environmental Quality	Email	Discussion regarding "the status of the water main connections for the properties in Pullman" (unclear which specific properties). An officer says that "all water systems have been installed and the well abandonments should be done this week." The "water supply hookups at Pullman Rd and 109th Ave have been completed."	Not clear how relevant this email string is, but seems to indicate that some/all water connections to a main system have been completed and wells abandoned.	All of Pullman community
1000	ID1006	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(3)	9/28/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1001	ID1004	McCann MDEQ- Ballo MDEQ - Notes on Conversation with Press Contact	10/15/2007	MI Dept of Environmental Quality	Email	A Kalamazoo Gazette journalist called to inquire about PI's liability for the PII site contamination. MDEQ explained how the liability issue was resolved in 1999.	The email indicates that unspecified "funding problems" were the reason that the MACTEC contract came to an apparently abrupt end, and that MDEQ is waiting for new funding to pick up again where they left, at remediation design and implementation, and O&M. Also indicates that the PII company was bought out by Noble recently. Also gives useful background info on the PII site process.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1002	ID1005	McCann MDEQ- Ballo MDEQ - Notification of Conversation With Press Contact	10/15/2007	MI Dept of Environmental Quality	Email	A Kalamazoo Gazette journalist called to inquire about PI's liability for the PII site contamination. MDEQ explained how the liability issue was resolved in 1999. Same as ID1004.	The email indicates that unspecified "funding problems" were the reason that the MACTEC contract came to an apparently abrupt end, and that MDEQ is waiting for new funding to pick up again where they left, at remediation design and implementation, and O&M. Also indicates that the PII company was bought out by Noble recently. Also gives useful background info on the PII site process.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1003	ID1000	Hefferan MDEQ- Larcinese Villa Environmental Consultants Incorporated - Updates on Site Activities	10/18/2007	Villa Environmental Consultants	Email	Discussion with MDEQ around the demolition of the PII structure by Bloomingdale P.S. What to do about the PII sewer and drain system, which was explored and documented by FTCH but never actually cleaned up (at least not in RIDE records). Villa Environmental Consultants is working with the School system to do the pre-demolition action (October 2007). They plan to rip up the drains/piping and remove related sediments, will also clean the grime off the production areas. Will close the production wells. MDEQ recommends capping the drains that are conduits to the creek, to prevent eventual problems.	PII structure demolished. Drains and piping ripped up, floor cleaned. PII site should be a non-hazard from this point on, as Bloomingdale P.S. has implemented its Due Care plan before demolishing and building the playground and parking lot.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1004	ID1034	(Redacted) Resident- Williams Allegan County Health Department - 885 Pearl Street Water Well Sampling Results(3)	10/19/2007	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	885 Pearl St.
1005	ID1002	Trace Analytical Laboratories Incorporated- 10-23-2007 Sediment Sampling Results	10/23/2007	Trace Labs	Lab results report	Sample analysis of the PII site before demolition, ordered by Bloomingdale P.S.	Analysis done pre-PII site demolition process. Very high levels of chromium, lead, and zinc.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1006	ID1001	ODell Bloomingdale Public Schools- Bell Villa Environmental Consultants Incorporated - Asbestos Removal and Floor Cleanup	12/10/2007	Villa Environmental Consultants	Letter	Informs Bloomingdale P.S. that asbestos has been removed and lead has been removed from most concrete surfaces (except a single area, which has been delineated for future action).	PII site asbestos and lead removed (mostly).	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1007	ID991	(Redacted) Resident- Williams Allegan County Health Department - 5568 North Water Well Sampling Results	1/11/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5568 North St.

1008	ID998	Als Total- Williams Allegan County Health Department - 5625 109th Avenue Water Well Sampling Results	1/11/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5625 109th Ave (Al's Citgo)
1009	ID999	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(4)	1/11/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1010	ID1030	Pats Excavating- Williams Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results(2)	1/11/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
1011	ID992	Northwoods Cafe- Williams Allegan County Health Department - 5627 109th Avenue Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5627 109th Ave (Northwoods Restaurant).
1012	ID993	Pullman Post Master- Williams Allegan County Health Department - 887 56th Street Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	887 56th St (US Post Office).
1013	ID994	RCOR Terra- Williams Allegan County Health Department - 5582 109th Avenue Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5582 109th Ave (Terra Rcor).
1014	ID995	(Redacted) Resident- Williams Allegan County Health Department - 868 56th Street Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 56th St.
1015	ID996	(Redacted) Resident- Williams Allegan County Health Department - 882 56th Street Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	882 56th St.
1016	ID997	Baugus- Williams Allegan County Health Department - 847 56th Street Water Well Sampling Results	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	847 56th St.
1017	ID1022	Barnes Hair Salon- Williams Allegan County Health Department - 890 56th Street Water Well Sampling Results(2)	2/12/2008	Allegan Co. Health Dept.	Letter	Testing indicates that some level of dichlorodifluoromethane and dichloromethane has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	890 56th St (Barnes Hair Salon).
1018	ID1027	(Redacted) Resident- Williams Allegan County Health Department - 884 56th Street Water Well Sampling Results(2)	2/12/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	884 56th St.
1019	ID988	(Redacted) Resident- Williams Allegan County Health Department - 5580 North Water Well Sampling Results	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 North St.
1020	ID989	(Redacted) Resident- Williams Allegan County Health Department - 5586 South Water Well Sampling Results (2)	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5586 South St.
1021	ID1017	(Redacted) Resident- Williams Allegan County Health Department - 5574 North Water Well Sampling Results(2)	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5574 North St.
1022	ID1079	(Redacted) Resident- Williams Allegan County Health Department - 909 56th Street Water Well Sampling Results	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	909 56th St.
1023	ID1080	(Redacted) Resident- Williams Allegan County Health Department - 5587 North Water Well Sampling Results	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5587 North St.
1024	ID1084	Pizza Plus- Williams Allegan County Health Department - 5601 109th Avenue Water Well Sampling Results	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5601 109th Ave. (Pizza Plus).
1025	ID1085	Preferred Market- Williams Allegan County Health Department - 5615 109th Avenue Water Well Sampling Results(1)	3/6/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5615 109th Ave (Preferred Market)
1026	ID1074	(Redacted) Resident- Williams Allegan County Health Department - 874 56th Street Water Well Sampling Results	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 56th St.
1027	ID1075	Odd Fellows- Williams Allegan County Health Department - 5587 109th Avenue Water Well Sampling Results	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5587 109th Ave. (OddFellows Hall)
1028	ID1076	Pullman Elementary School- Williams Allegan County Health Department - 5580 South Water Well Sampling Results(1)	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 South St. (Pullman Elementary School).
1029	ID1078	Pullman VFW- Williams Allegan County Health Department - 5632 109th Avenue Water Well Sampling Results	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5632 109th Ave (VFW 6134)
1030	ID1081	Cericola- Williams Allegan County Health Department - 5581 109th Avenue Water Well Sampling Results	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5581 109th St (Levicola Auction).
1031	ID1082	Lee Township Fire- Williams Allegan County Health Department - 877 56th Street Water Well Sampling Results	3/25/2008	MI Dept of Environmental Quality	Letter	Informs of VOC contamination, specifically trichloroethane, tetrahydrafurane, and trichloroethylene. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their well for drinking or cooking. Residents are offered bottled water.	This is the first case of contamination noted in the RIDE files since January 2006, when contamination at 885 Pearl St. was detected. In fact the Fire Dept also showed contamination in January 2006 (ID933). See ID1047 for continued contamination into 2009. Clearly the Fire Dept is the hardest address to decontaminate.	877 56thSt (Lee Township Hall and Fire Barn)
1032	ID1083	Lee Township- Williams Allegan County Health Department - 5560 South Pullman Water Well Sampling Results	3/25/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5560 South St.

1033	ID1068	(Redacted) Resident- Williams Allegan County Health Department - 846 56th Street Water Well Sampling Results(1)	7/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	846 56th St.
1034	ID1069	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(1)	7/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1035	ID1070	(Redacted) Summary of Sampling Events (2)	8/6/2008	MI Dept of Environmental Quality	Report	List of sampling events conducted in the Pullman community in FY2009 (as of 8/6/2008). It´s a total of 57 events at 57 different residential and commercial locations. Most are annual sampling events.	List of 57 sampling test locations in the Pullman community. Results not shown. Demonstrates that extensive testing is still implemented even after the MACTEC project is put on hold.	All of Pullman community
1036	ID1073	Bauer MDEQ- Fuller Van Buren Conservation District - Information Regarding Site Demolition Material	9/4/2008	MI Dept of Environmental Quality	Email	Follow-up email conversations regarding the citizen complaint in ID1067. Villa Environmental provides background information on how concrete was handled pre and during the PII demolition.	Background info on citizen complaint in ID1067.	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1037	ID1067	(Redacted) Bauer MDEQ- ODonnell MDEQ - Response to PEAS Complaint	9/5/2008	MI Dept of Environmental Quality	Email	A concerned citizen submitted a PEAS complaint indicating that contaminated concrete from the PII site had ended up at the Max Lake Drain Watershed. MDEQ did some research and concludes that the PII-sourced recycled concrete referenced by the citizen does not pose a threat to health.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1038	ID1057	(Redacted) Resident- Williams Allegan County Health Department - 880 Pullman Water Well Sampling Results	9/17/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	880 Pullman Ave.
1039	ID1061	(Redacted) Resident- Williams Allegan County Health Department - 874 Pullman Water Well Sampling Results	9/17/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 Pullman Ave.
1040	ID1066	Resident- Williams Allegan County Health Department - 5577 109th Avenue Water Well Sampling Results	9/17/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5577 109th Ave.
1041	ID1072	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Water Well Sampling Results(2)	9/17/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1042	ID1062	(Redacted) Resident- Williams Allegan County Health Department - 5571 North Water Well Sampling Results	9/23/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5571 North St.
1043	ID1065	Resident- Williams Allegan County Health Department - 886 56th Street Water Well Sampling Results	9/23/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 56th St.
1044	ID1063	unknown(1)	11/21/2008	MI Dept of Environmental Quality	Report	Status report ("Action Plan") on the Pullman project.	Indicates that project is on partial hold status (Approved Partial Closure or APC) "until funding is available to install groundwater remedial action." Indicates that $1.55M is needed in FY10 and FY11 funds to complete the project, including the 10-year O&M period. A total of $1.156M have been spent to date on the project. Indicates that "downgradient and replacement wells continue to be at risk from the plume." Includes a good summary description of funded actions taken to date.	N/A
1045	ID1064	unknown(2)	11/24/2008	MI Dept of Environmental Quality	Report	Status report ("Action Plan") on the Pullman project. Same as ID1063.	Indicates that project is on partial hold status (Approved Partial Closure or APC) "until funding is available to install groundwater remedial action." Indicates that $1.55M is needed in FY10 and FY11 funds to complete the project, including the 10-year O&M period. A total of $1.156M have been spent to date on the project. Indicates that "downgradient and replacement wells continue to be at risk from the plume." Includes a good summary description of funded actions taken to date.	N/A
1046	ID1052	(Redacted) Resident- Williams Allegan County Health Department - 5575 North Street Water Well Sampling Results	12/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1047	ID1058	Larsons Hardware- Williams Allegan County Health Department - 840 56th Street Water Well Sampling Results	12/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	840 56th St. (Larson's Hardware)
1048	ID1059	Scoops Ice Cream- Williams Allegan County Health Department - PO Box 186 Water Well Sampling Results	12/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	Scoops Ice Cream (no address)
1049	ID1060	Verizon- Williams Allegan County Health Department - 5598 109th Avenue Water Well Sampling Results	12/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5598 109th Ave (Verizon).
1050	ID1086	Preferred Market- Williams Allegan County Health Department - 5615 109th Avenue Water Well Sampling Results(2)	12/18/2008	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5615 109th Ave (Preferred Market)
1051	ID1044	(Redacted) Resident- Williams Allegan County Health Department - 5594 North Avenue Drinking Water Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing indicates that some level of trichloroethylene contaminant has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5594 North St.
1052	ID1050	(Redacted) Resident- Williams Allegan County Health Department - 5583 North Avenue Water Well Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5583 North St.
1053	ID1053	Als Gas and Shop- Williams Allegan County Health Department - PO Box 241 Water Well Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5625 109th Ave (Al's Citgo)
1054	ID1054	Homeowner- Williams Allegan County Health Department - 5584 North Water Well Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5584 North St.
1055	ID1055	Homeowner- Williams Allegan County Health Department - 5588 North Avenue Water Well Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 North St.

1056	ID1056	Pats Excavating- Williams Allegan County Health Department - PO Box 33 Water Well Sampling Results	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
1057	ID1071	(Redacted) Resident- Williams Allegan County Health Department - 846 56th Street Water Well Sampling Results(2)	1/12/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	846 56th St.
1058	ID1051	Homeowner- Williams Allegan County Health Department - 5568 North Avenue Water Well Sampling Results	1/13/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5568 North St.
1059	ID1045	(Redacted) Resident- Williams Allegan County Health Department - PO Box 136 Water Well Sampling Results	2/11/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	906 56th St.
1060	ID1048	Pullman Post Office- Williams Allegan County Health Department - 887 56th Street Drinking Water Sampling Results	2/11/2009	Allegan Co. Health Dept.	Letter	Testing indicates that some level of chloroform and trialomethanes has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	887 56th St (US Post Office).
1061	ID1049	Studio 109- Williams Allegan County Health Department - PO Box 157 Water Well Sampling Results	2/11/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5582 109th Ave (Terra Rcor).
1062	ID1077	Pullman Elementary School- Williams Allegan County Health Department - 5580 South Water Well Sampling Results(2)	2/11/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 South St. (Pullman Elementary School).
1063	ID1043	(Redacted) Resident- Williams Allegan County Health Department - 5586 South Water Well Sampling Results	2/13/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5586 South St.
1064	ID1047	Lee Township Fire Department- Williams Allegan County Health Department - 877 56th Street Drinking Water Sampling Results	2/13/2009	MI Dept of Environmental Quality	Letter	Informs of VOC contamination, specifically trichloroethane. Samples were analyzed as part of a groundwater investigation conducted by the Allegan County Health Department and the Michigan Department of Public Health (MDPH). Residents are advised to stop using their well for drinking or cooking. Residents are offered bottled water.	See ID933 and ID1082 for contamination records for Fire Dept 2006 and 2009. Clearly the Fire Dept is the hardest address to decontaminate.	877 56thSt (Lee Township Hall and Fire Barn)
1065	ID1046	ERD File Inventory	4/13/2009	MI Dept of Environmental Quality	List	MDEQ's ERD's file inventory for the Pullman Ave and 109th Ave project.	VERY USEFUL. List of project management folders and of all major reports from this project. Shows that coverage of the PII contamination problem starts in 1991, the actual ABB/MACTEC project runs 1996 through 2006, there is no follow-up project to MACTEC's (at least up to mid-2009), and there are 27 major reports listed, most/all of which are included in these RIDE files.	N/A
1066	ID1037	(Redacted) Property and Land Search Results	7/28/2009	Undefined	List	List of Pullman addresses pulled from the web.	Purpose unclear.	All of Pullman community
1067	ID1039	Resident- Dentler Allegan County Health Department - 847 56th Street Water Well Sampling Results	9/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	847 56th St.
1068	ID1040	Resident- Dentler Allegan County Health Department - 868 56th Street Water Well Sampling Results	9/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 56th St.
1069	ID1041	Resident- Dentler Allegan County Health Department - 872 56th Street Water Well Sampling Results	9/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	872 56th St.
1070	ID1042	Resident- Dentler Allegan County Health Department - 5577 109th Avenue Water Well Sampling Results	9/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5577 109th Ave.
1071	ID1110	Homeowner- Dentler Allegan County Health Department - 882 56th Street Water Well Sampling Results(1)	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	882 56th St.
1072	ID1112	Homeowner- Dentler Allegan County Health Department - 884 56th Street Water Well Sampling Results(1)	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	884 56th St.
1073	ID1118	Homeowner- Dentler Allegan County Health Department - 5565 North Street Water Well Sampling Results(1)	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5565 North St.
1074	ID1120	Homeowner- Dentler Allegan County Health Department - 5571 North Street Water Well Sampling Results	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5571 North St.
1075	ID1121	Homeowner- Dentler Allegan County Health Department - 5574 North Street Water Well Sampling Results	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5574 North St.
1076	ID1122	Homeowner- Dentler Allegan County Health Department - 5594 South Street Water Well Sampling Results(1)	10/5/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 South St.
1077	ID1107	Occupant- Dentler Allegan County Health Department - 880 Pullman Drinking Water Sampling Results	10/15/2009	Allegan Co. Health Dept.	Letter	Testing indicates that some level of trichloroethane has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	880 Pullman Ave.
1078	ID1116	Occupant- Dentler Allegan County Health Department - 874 Pullman Water Well Sampling Results	10/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 Pullman Ave.
1079	ID1117	Occupant- Dentler Allegan County Health Department - 886 Pullman Water Well Sampling Results	10/15/2009	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 Pullman Ave.
1080	ID1115	Jeff- Zimont MDEQ - Recommendation to Merge Sites	11/13/2009	MI Dept of Environmental Quality	Internal memo	Justification to transfer internal record for this address (which has had multiple detections over the years) into the Pullman RD and 109th Ave project folder.	N/A	860 56th St

1081	ID1109	Documentation for Deletion	11/19/2009	MI Dept of Environmental Quality	Internal memo	Justification to transfer internal record for this address (which has had multiple detections over the years) into the Pullman RD and 109th Ave project folder.	N/A	860 56th St
1082	ID1105	General Property Information	11/24/2009	Undefined	List	Property record information for a private residence.	N/A	N/A
1083	ID1106	Mattson MDEQ- Zimont MDEQ - Notification of Incorporation of 860 56th Street Site Into Pullman Road File	11/24/2009	MI Dept of Environmental Quality	Email	Records management message. Nothing significant.	N/A	N/A
1084	ID1087	(Redacted) Monitoring Well Information	2010	Allegan Co. Health Dept.	List	Cross-check workshseet list of addresses and sampling tests between 1996 and 2010.	GREAT summary checklist of tested residences. Highlights which addresses are "OK to drop" from sampling and for which monitoring needs to be maintained.	All of Pullman community
1085	ID1134	Bucholtz MDEQ- Devantier MDEQ - Current List of Residential Drinking Water Monitoring Activity	1/26/2010	MI Dept of Environmental Quality	Email	Internal project management conversation. Nothing singificant. Includes a list of statewide MDEQ projects, including Pullman and 109th Ave.	N/A	N/A
1086	ID1099	Love Incorporated- Dentler Allegan County Health Department - 943 56th Street Drinking Water Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing indicates that some level of total trihalomethane and chloroform has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection. First detection on record in this address (even if it´s only for traces). Strange that it happens 15+ years after testing started in Pullman.	943 56th St.
1087	ID1100	Northwoods- Dentler Allegan County Health Department - 5627 109th Avenue Water Well Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5627 109th Ave (Northwoods Restaurant).
1088	ID1101	Pizza Plus- Dentler Allegan County Health Department - 5601 109th Avenue Water Well Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5601 109th Ave. (Pizza Plus).
1089	ID1102	Preferred Market- Dentler Allegan County Health Department - 5615 109th Avenue Water Well Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5615 109th Ave (Preferred Market)
1090	ID1103	Pullman Post Office- Dentler Allegan County Health Department - 887 56th Street Water Well Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	887 56th St (US Post Office).
1091	ID1104	Als Total- Dentler Allegan County Health Department - 5625 109th Avenue Water Well Sampling Results	1/29/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5625 109th Ave (Al's Citgo)
1092	ID1129	Evaluation of Part 201 Facility for Strategic Water Quality Initiative Fund Eligibility	5/6/2010	MI Dept of Environmental Quality	Internal memo	Summary of Prop 2 funding eligibility evaluation.	Evaluation indicates that "Pullman Rd and 109th Ave" is not eligible for Prop 2 funding.	All of Pullman community
1093	ID1088	Homeowner- Dentler Allegan County Health Department - 909 56th Street Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing indicates that some level of total trihalomethane, chloroform and tetrahydrofuran has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	909 56th St.
1094	ID1091	Homeowner- Dentler Allegan County Health Department - 874 56th Street Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 56th St.
1095	ID1092	Homeowner- Dentler Allegan County Health Department - 874 Pullman Road Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	874 Pullman Ave.
1096	ID1093	Homeowner- Dentler Allegan County Health Department - 880 Pullman Road Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	880 Pullman Ave.
1097	ID1094	Homeowner- Dentler Allegan County Health Department - 886 56th Street Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 56th St.
1098	ID1096	Homeowner- Dentler Allegan County Health Department - 847 56th Street Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	847 56th St.
1099	ID1097	Homeowner- Dentler Allegan County Health Department - 868 56th Street Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	868 56th St.
1100	ID1098	Homeowner- Dentler Allegan County Health Department - 5588 109th Avenue Water Well Sampling Results	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5588 109th Ave (Pat's Excavating).
1101	ID1111	Homeowner- Dentler Allegan County Health Department - 882 56th Street Water Well Sampling Results(2)	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	882 56th St.
1102	ID1113	Homeowner- Dentler Allegan County Health Department - 884 56th Street Water Well Sampling Results(2)	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	884 56th St.
1103	ID1119	Homeowner- Dentler Allegan County Health Department - 5565 North Street Water Well Sampling Results(2)	10/8/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5565 North St.
1104	ID1095	Homeowner- Dentler Allegan County Health Department - 886 Pullman Road Water Well Sampling Results	10/12/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	886 Pullman Ave.
1105	ID1089	Homeowner- Dentler Allegan County Health Department - 5568 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5568 North St.
1106	ID1090	Homeowner- Dentler Allegan County Health Department - 5571 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5571 North St.
1107	ID1124	Homeowner- Dentler Allegan County Health Department - 5588 North Drinking Water Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing indicates that some level of bromodichloromethane, chloroform, m&p-Xylene, o-Xylene, Total trialomethane, and total xylene has been found in this well. Nothing needs to be done but monitoring will continue.	Unharmful VOC trace detection.	5588 North St.

1108	ID1126	Homeowner- Dentler Allegan County Health Department - 5594 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 North St.
1109	ID1130	Homeowner- Dentler Allegan County Health Department - 5574 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5574 North St.
1110	ID1131	Homeowner- Dentler Allegan County Health Department - 5575 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5575 North St.
1111	ID1132	Homeowner- Dentler Allegan County Health Department - 5587 North Water Well Sampling Results	10/13/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5587 North St.
1112	ID1114	Homeowner- Dentler Allegan County Health Department - 5594 South Street Water Well Sampling Results(2)	10/14/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 South St.
1113	ID1125	Homeowner- Dentler Allegan County Health Department - 5590 South Street Water Well Sampling Results	10/14/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5590 South St.
1114	ID1127	Homeowner- Dentler Allegan County Health Department - 5594 South Street Water Well Sampling Results	10/14/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5594 South St.
1115	ID1128	Pullman Elementary- Dentler Allegan County Health Department - 5580 South Street Water Well Sampling Results	10/14/2010	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 South St. (Pullman Elementary School).
1116	ID1123	(Redacted) Summary of Sampling Events	10/25/2010	MI Dept of Environmental Quality	Report	58-page report of all sampling events conducted in the Pullman community historically, between 1996 and 2010, listed by address, including testing dates and testing results. This inclues hundreds of tests over the years at 107 locations.	List of hundreds of sampling tests at 107 locations in the Pullman community over the years, includes results.	All of Pullman community
1117	ID1108	unknown	2010	MI Dept of Environmental Quality	Internal memo	Discussion about a potential new well being opened at 909 Pullman Ave.	Discussion about a potential new well being opened at 909 Pullman Ave.	909 Pullman Ave.
1118	ID1136	Homeowner- Dentler MDEQ - 5580 South Street Water Sampling Results	10/11/2011	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	5580 South St. (Pullman Elementary School).
1119	ID1137	Lee Township Office- Dentler MDEQ - 877 56th Street Water Sampling Results	10/11/2011	Allegan Co. Health Dept.	Letter	Testing for VOCs was conducted in this property and none were detected.	VOC contamination NOT detected.	877 56thSt (Lee Township Hall and Fire Barn)
1120	ID1133	(Redacted) EGLE ESSD- 761-10528574	9/30/2020	EGLE	Form	Invoice	N/A	N/A
1121	ID1135	EGLE ESSD- 761-10528574	9/30/2020	EGLE	Form	Invoice	N/A	N/A
1122	ID411	Fishbeck Thompson Carr and Huber Incorporated- Health and Safety Plan Remedial Investigation Focused Feasibility Study and Remedial Construction Oversight	UNABLE TO OPEN THIS PDF DOCUMENT. ACCESS DENIED.					
1123	ID29	(Redacted) Residential Soil Boring Results	Undefined	Undefined	Diagram (pencil)	Penciled diagram of soil layers, location undefined.	N/A	N/A
1124	ID34	Site Photographs (2)	Undefined	Undefined	Photographs	Site photographs	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1125	ID36	Aerial Photographs	Undefined	Undefined	Photographs	Aerial photos of a land location	N/A	N/A
1126	ID37	Lee Township Section 8 and 9 Maps	Undefined	Undefined	Map (pen)	Penned map of Section 8 and 9 of Lee Township	N/A	N/A
1127	ID38	Proposed Use of Factory Property by School District	Undefined	Pullman Industries Inc.	Floor plan (pen)	Penned floorplan of Pullman Industries property plant.	N/A	5576 (Pullman Rd) and 109th Ave (Pullman Industries Inc)
1128	ID39	Pullman Area Map	Undefined	Undefined	Map	Pullman area map, labels for several buildings, maps the contamination plume	Maps the contamination plume.	N/A
1129	ID41	Unknown (11)	Undefined	Undefined	Handwritten note	Unclear from whom and to whom. Explains that "we" would be interested in using the lagoon system for sewage waste disposal for "our supermarket".	N/A	N/A
1130	ID42	GTE North Central Office Property Map	Undefined	Undefined	Map	Area map for GTE North Central Office.	N/A	5598 109th Ave
1131	ID43	Harding ESE of Michigan Incorporated- 36	Undefined	MI Dept of Environmental Quality - Environmental Response Division	Contract task order	Contract task order requesting changes to a preceding contracting order.	N/A	N/A
1132	ID44	Harding ESE of Michigan Incorporated- 57 (2)	Undefined	MI Dept of Environmental Quality - Environmental Response Division	Contract task order	Contract task order requesting changes to a preceding contracting order.	N/A	N/A
1133	ID166	(Redacted) Staff Notes to File	Undefined	Undefined	Notes	Handwritten notes. Nothing significant.	N/A	N/A
1134	ID1038	(Redacted) Lee Township Map	Undefined	Undefined	Map	Map of Lee Towhsip property parcels.	N/A	All of Pullman community