

DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

RCRA Corrective Action Environmental Indicator (EI) RCRAInfo Code CA725 Current Human Exposures under Control

Facility Name: E.I. duPont de Nemours - Montague (DuPont)
Facility Address: 6270 Wilkes Road, Montague, Michigan
Facility EPA ID #: MID 000 809 640

1. Has **all** available relevant/significant information on known and reasonably suspected releases to soil, groundwater, surface water/sediments, and air, subject to RCRA Corrective Action (e.g., from waste management units (WMU), regulated units (RU), and areas of concern (AOC)), been **considered** in this EI determination?

☒ If yes - check here and continue with #2 below.

☐ If no - re-evaluate existing data, or

☐ If data are not available skip to #6 and enter "IN" (more information needed) status code.

BACKGROUND

Definition of EI for the RCRA Corrective Action

Environmental Indicators are measures being used by the RCRA Corrective Action Program (Program) to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater.

Definition of "Current Human Exposures under Control" EI

A positive "Current Human Exposures under Control" EI determination ("YE" status code) indicates that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (for all "contamination" subject to the Program at or from the identified facility (i.e., site-wide)).

Relationship of EI to Final Remedies

While final remedies remain the long-term objective of the Program the EI are near-term objectives, which are currently being used as Program measures for the 1993 Government Performance and Results Act (GPRA). The "Current Human Exposures under Control" EI are for reasonably expected human exposures under current land- and groundwater-use conditions ONLY, and do not consider potential future land- or groundwater-use conditions or ecological receptors. The Program's overall mission to protect human health and the environment requires that final remedies address these issues (i.e., potential future human exposure scenarios, future land and groundwater uses, and ecological receptors).

Duration/Applicability of EI Determinations

EI determinations status codes should remain in RCRAInfo national database ONLY as long as they remain true (i.e., RCRAInfo status codes must be changed when the regulatory authorities become aware of contrary information).

2. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**"¹ above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to the Program (from WMUs, RUs or AOCs)?

¹ "Contamination" and "contaminated" describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

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Media	Yes	No	?	Rationale/Key Contaminants
Groundwater	√			Constituents of potential concern (COPCs) identified in site-wide groundwater are: benzene, carbon tetrachloride, cis-1,2-dichloroethene, tetrachloroethylene (PCE), toluene, and trichloroethene (TCE) (Table 1)
Air (indoors) ²		√		Volatile organic compounds (VOCs) have been detected in groundwater at the site and on the eastern edge of the capture zone. However, during the most recent sampling, there were no VOCs that exceeded MDEQ Groundwater Screening Values for the Vapor Intrusion Pathway (Table 2)
Surface Soil (e.g., <2 ft)		√		COPCs limited to benzo(a)pyrene and arsenic (Table 3)
Surface Water		√		Not considered a medium of concern. COPCs were not identified (Table 4).
Sediment		√		Not considered a medium of concern. COPCs were not identified (Table 5).
Subsurface Soil (e.g., >2 ft)	√			COPCs limited to toluene, arsenic and cobalt (Table 6)
Air (outdoors)		√		COPC limited to arsenic in surface soil and cobalt in subsurface soil (Tables 3 and 6). However, outdoor air is not considered a media of concern. See rationale.

_____ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

_____√ If yes (for any media) - continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

_____ If unknown (for any media) – skip to #6 and enter "IN" status code.

Rationale and Reference(s):

DuPont ceased all operations at the facility in 1996 and demolished the manufacturing facility in 1998. The only structures that remain support the site's groundwater pump-and-treat system. The pump-and-treat system first began operations in the 1960s. Enhancements to the system were completed in August 2008.

A RCRA Facility Investigation (RFI) was conducted at the facility from October 2010 to July 2011. Results from the RFI are detailed in the *DRAFT 2010/2011 Remedial Investigation Report* (RI Report -URS, 2012a), which was submitted to the Michigan Department of Environmental Quality (MDEQ) in June 2012. The purpose of the RFI was to address data gaps identified in the November 2006 *Prioritization of Waste Management Units and Areas of Concern, DuPont Montague* (DuPont CRG, 2006). Ten WMUs and AOCs were the focus of the RFI (see Figure 2). In addition to the RFI, additional investigations have been conducted at the facility between 1990 and 2002 to evaluate WMUs and AOCs. Site data evaluated for this step included groundwater, soil, surface water, and sediment data collected during these site investigations and routine groundwater monitoring activities.

Groundwater quality at the facility is monitored under the supervision of the MDEQ. Routine groundwater monitoring (quarterly or semiannual) has been conducted at the site since 1990 in relation to site landfills. Historical groundwater data has also been collected in relation to the site's groundwater pump-and-treat system. Compliance monitoring wells associated with the enhanced pump-and-treat system were installed in the fourth quarter of 2009 and have been monitored on a quarterly basis since that time. In addition to the quarterly monitoring, a site-wide semiannual sampling event is currently conducted. Groundwater sampling has also been conducted at the site as part of the RFI. Consistent with the start of compliance monitoring at the site in 2009, data collected between December 2009 and May 2012 was utilized for this EI evaluation. The data set includes

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groundwater data collected during compliance monitoring, semiannual monitoring and RFIs. Groundwater data are tabulated in Appendix A. Monitoring well locations are shown on Figures 3 and 4.

In addition to routine groundwater monitoring, DuPont performs voluntary sampling of residential domestic wells although most homes in the area are served by municipal water service or have individual carbon treatment units. Sampling of drinking water is performed on water from three domestic well systems (residences of Montgomery, Ransom, and Tinsley). Water is collected from sample spigots before and after the carbon units. Groundwater is also collected from nine domestic wells along Lake Shore Drive. Homes on this road are on city of Montague public water. These wells are sampled using the existing well pumps. The nine wells sampled are: JOSLYN_5793, KIME_5895, STAMM_6053, INGMANSON_6077, SIMON_5995, CALUWAERT_WELL_6027 (house), CALUWAERT_6015 (cottage), and JOHNSON_5987. Residential well data are tabulated in Appendix B. This data was used to evaluate potential vapor intrusion pathways.

Soil samples collected at WMUs and AOCs during historical investigations (1991 and 1996) and the most recent 2010/2011 RFI were utilized in this EI evaluation. These soil samples included surface soil samples (from depths less than 2 feet below ground surface [ft bgs]) collected from 36 boring locations and subsurface soil samples (from depths greater than 2 ft bgs) collected from 34 boring locations. Soil boring locations are detailed in Figures 5 – 14. Soil boring data are tabulated by unit in the RFI Report (URS, 2012a).

Surface water and sediment data collected during the RFI, from three locations in Pierson Creek and two locations in associated tributaries, were used in this EI evaluation. Sample locations are shown in Figure 14. Surface water and sediment data are tabulated in the RI Report (URS, 2012a).

Within the EI data set, constituent concentrations of were compared to applicable environmental protection standards of Part 201, Environmental Remediation, (Part 201) of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), and its rules as referenced in R 299.9629 of the rules promulgated pursuant to Part 111, Hazardous Waste Management, of Act 451 to identify COPCs that may potentially impact human health and the environment.

Groundwater is not used for drinking water onsite where site-related constituents are present and occurs at depths (greater than 15 ft bgs) where direct contact during intrusive activities is unlikely to occur. On-site wells that provide potable water for the site are located hydraulically upgradient from site-related constituents in groundwater. Groundwater is not used for drinking water downgradient of the site (between William Road to the west and Lake Shore Drive to the east) due to pump-and-treat activities currently in operation and the municipal water connections recently installed to area residents. However, as a conservative measure, constituents detected in groundwater were compared to nonresidential drinking water criteria [MDEQ, Table 1. Groundwater: Residential and Nonresidential Part 201 Generic Cleanup Criteria and Screening Levels, Guidesheet established under Act 451 (MDEQ Table 1 Guidesheet No.) 2].

Current site operations are limited to those involving the groundwater pump-and-treat system. The former manufacturing area is surrounded by an 8-foot high, barbwire-topped fence. The calcium fluoride basin and Pierson Creek Landfill are also surrounded by an 8-foot high fence. However, portions of the facility outside of these areas may be accessed by trespassers and hunters. As a result, constituents detected in soil were compared to the following applicable nonresidential direct contact criteria [MDEQ, Table 3. Soil: Nonresidential Part 201 Generic Cleanup Criteria and Screening Levels, Guidesheet, established under Act 451 (MDEQ Table 3 Guidesheet No.) 27], nonresidential infinite source volatile soil inhalation criteria (MDEQ Table 3 Guidesheet No. 23), and nonresidential particulate soil inhalation criteria (MDEQ Table 3 Guidesheet No. 26). Soil concentrations for inorganics were also compared to statewide background default levels (MDEQ Table 3 Guidesheet No. 10). Constituents detected above applicable generic environmental protection standards but below statewide background default levels were not considered an exceedance.

Constituents detected in surface water in Pierson Creek were compared to MDEQ Rule 57 Water Quality Values protective of human health (nondrinking water) to evaluate potential trespasser exposure. Pierson Creek and its tributaries do not provide any recreational value and any wading activities would be limited to occasional trespassing. Routine maintenance activities do not occur in the creek.

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Sediment in Pierson Creek was screened against nonresidential direct contact criteria (MDEQ Guidesheet No. 27) to evaluate potential trespasser exposure.

VOCs have been detected in groundwater at the site. On-site workers are limited to those involved in site caretaking, site security, and groundwater monitoring activities. As a result, MDEQ nonresidential groundwater volatilization to indoor air criteria (GVIIC) and March 2012 Draft MDEQ nonresidential groundwater screening levels for the vapor intrusion pathway (GWvi) were utilized to evaluate the on-site vapor intrusion pathway. VOCs have also been detected in on-site soil, but in WMUs or AOCs located away from currently occupied structures. Therefore, the MDEQ nonresidential soil volatilization to indoor air criteria (SVIIC) were not considered applicable.

The portion of the site groundwater plume not within the capture zone is monitored by Lake Shore Drive and White Lake Property compliance monitoring wells. Property along Lake Shore Drive (eastern side of the capture zone) is a privately owned, residential property. Therefore, residential environmental protection criteria were utilized to evaluate the potential off-site vapor intrusion pathway in this area. The White Lake Property, owned by DuPont, is unoccupied.

COPCs

Table 1 provides a comparison of constituents detected in site-wide groundwater to the environmental protection standards (MDEQ Table 1 Guidesheet No. 2). As shown in the table, the following six VOCs were detected above the standards: benzene, carbon tetrachloride, cis-1,2-dichloroethene, PCE, toluene, and TCE. Two sources of VOCs have been identified within the facility; the former National Pollutant Discharge and Elimination System (NPDES) surface impoundments and the former Railcar Unloading Area West. Potential sources of VOCs to site groundwater also include the Northeast Landfill and the Pierson Creek Landfill. VOCs have not been identified in on-site drinking water samples (see Appendix E).

Table 3 compares the results for constituents detected in surface soil to applicable environmental protection standards for nonresidential land uses). As shown in the table, benzo[a]pyrene and arsenic were detected above the standards. The exceedances were observed at the Calcium Fluoride Basin and at the Pierson Creek Landfill.

There is no direct exposure of industrial workers to subsurface soil under current land use, and direct exposure of construction/excavation workers is controlled by the existing administrative controls, including appropriate health and safety plans. A copy of *Health and Safety Plan Remedial Investigation and Groundwater Monitoring, DuPont Montague Site, Montague, Michigan* (HAP), dated April 2011, is on file with the MDEQ. However, Table 6 compares the results for constituents detected in subsurface soil to applicable environmental protection standards for nonresidential land uses. As shown in Table 6, toluene and arsenic and cobalt were detected above the standards. The exceedances were observed at the Calcium Fluoride Basin and at the Northeast Landfill and Pierson Creek Landfill.

As shown in Table 4, only ammonia was detected above environmental protection standards in surface water. Exceedances were observed in each sample location, with the highest concentration observed in the most upstream sample collected (10PCK-01). The elevated ammonia concentrations in Pierson Creek may be a result of the agricultural land use upstream. Therefore, ammonia is not considered a COPC for this evaluation. Additional sampling was proposed in the RI Report to confirm if there is an upstream source (URS, 2012a). No constituents exceeded the environmental protection standards for sediment (see Table 5). As a result, surface water and sediment are not considered a medium of concern at this time.

Currently occupied structures are limited to a few buildings. VOCs have been detected in groundwater in monitoring well locations in this area; however, none are located within 100 feet of occupied buildings. Regardless, maximum groundwater detections were compared to groundwater volatilization to indoor air standards (see Table 2). Carbon tetrachloride exceeded draft GWvi standards; but was less than GVIIC. However, detections were less than both standards in the last three semiannual monitoring events. Few VOCs have been detected in residential water sampled on the eastern edge of the capture zone. However, the detections were less than residential environmental protection standards. As a result, indoor air is not considered a medium of concern.

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Arsenic and cobalt were detected above oil inhalation environmental protection standards (see Tables 3 and 6). Arsenic was noted in surface soil collected at the Calcium Fluoride Basin. The basin is fenced and routine activities do not occur at the unit. The cobalt exceedance was noted at a depth of 19 feet bgs at the Northeast Landfill. As mentioned above, administrative controls including, in part, a Project Safety Analysis (PSA) procedure are in place to limit excavations and to ensure the appropriate personal protection equipment (PPE) is used if subsurface conditions are disturbed. A copy of the PSA Form that DuPont uses at its sites is attached. As a result, outdoor air is not considered a media of concern.

DuPont CRG. 2006. *Prioritization of Waste Management Units and Areas of Concern at the DuPont Montague Site, Montague Michigan*. November 2006.

URS, 2012b. *Environmental Indicator Determination Report: Migration of Contaminated Groundwater Under Control (CA750)*. DuPont Montague Works. August.

URS, 2012a. *DRAFT 2010/2011 Remedial Investigation Report*. DuPont Montague Site. June 2012.

3. Are there **complete pathways** between “contamination” and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

Potential Human Receptors (Under Current Conditions)

Contaminated Media	Resident	Worker	Day-Care	Construction	Trespasser	Recreation	Food ²
Groundwater	No	No	—	No	N/L	N/L	No
Air (indoors)	—	—	—	—	—	—	—
Soil (surface, e.g., <2 ft)	No	Yes	—	Yes	Yes	No	No
Surface Water ³	No	No	—	No	Yes	Yes	Yes
Sediment	—	—	—	—	—	—	—
Soil (subsurface e.g., >2 ft)	No	No	—	Yes	N/L	N/L	No
Air (outdoors)	—	—	—	—	—	—	—

Instructions for Summary Exposure Pathway Evaluation Table:

- Strikeout specific media including human receptors' spaces for Media which are not (“contaminated”) as identified in #2 above.
- Enter “yes” or “no” for potential “completeness” under each “Contaminated” Media – Human Receptor combination (Pathway). N/L = Not Likely
- Indirect Pathway/Receptor (e.g., vegetables, fruits, crops, meat, dairy, fish, shellfish, etc.)

Note: In order to focus the evaluation to the most probable combinations, some potential “Contaminated” Media - Human Receptor combinations (pathways) do not have check spaces (“_”). While these combinations may not be probable in most situations, they may be possible in some settings and should be added as necessary.

— If no (pathways are not complete for any contaminated media-receptor combination) – skip to #6, and enter “YE” status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from

² Indirect Pathway/Receptor (e.g., vegetables, fruits, crops, meat and dairy products, fish, shellfish, etc.)

³Surface water is shown here in relation to the groundwater-to-surface water pathway.

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each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

 ✓ If yes (pathways are complete for any "Contaminated" Media – Human Receptor combination) - continue after providing supporting explanation.

 If unknown (for any "Contaminated" Media - Human Receptor combination) - skip to #6 and enter "IN" status code

Rationale and Reference(s):

Potential Human Receptors:

Currently, the only activities at the facility have been related to the groundwater pump-and-treat system. The Former Manufacturing Facility, Pierson Creek Landfill, and the Calcium Fluoride Basin are surrounded by 8-foot, chain-link perimeter fences. Surrounding the fenced areas, most of the remaining property is forested with roads for access to monitoring wells, the site production wells, and former landfills. Site caretakers patrol the site. However, trespassing (recreational vehicle use and hunting) has been observed. Construction/excavation work does not currently occur and is not planned in the near future. Any intrusive activities would be limited to the repair of utility lines along easement corridors. Therefore, on-site industrial workers (site caretakers) and on-site trespassers were considered potential receptors. On-site construction/excavation workers (utility workers) were also considered potential receptors.

The groundwater containing site-related constituents that exceed Michigan Final Acute Values (FAV) criteria are being captured by the four site groundwater interceptor wells. Figure 3 displays the approximate limit of the FAV plume (solid, reddish-purple line) on a potentiometric surface map. The extent of the system's capture zone is displayed as a dotted violet line. That portion of the plume not within the system's capture zone (just beyond the edges of the dotted purple line) vents to White Lake. Because of its distance from the interceptor wells, groundwater flow in the vicinity of the Pierson Creek Landfill follows its natural pattern, discharging to Pierson Creek (see Figures 3 and 4). Therefore, recreational users of White Lake were also considered potential receptors. Pierson Creek does not provide any recreational value. However, trespassers may access the area.

Groundwater is not used for drinking water downgradient of the site (between William Road to the west and Lake Shore Drive to the east) due to pump-and-treat activities currently in operation capturing Former Manufacturing Area groundwater and the municipal water connections recently installed to area residents. However, off-site residential receptors were retained for the evaluation.

Sensitive receptors (such as daycare) are not located on or adjacent to the site. Therefore, these receptors were not considered potential receptors.

Potentially Complete Exposure Pathways by Media:

- (1) **Surface Soil:** There is limited potential for exposure to COPCs in surface soil for potential receptors. Exceedances of applicable environmental protection standards were limited to a few locations at the Calcium Fluoride Basin and Pierson Creek Landfill. Both units are fenced. The receptor with the greatest potential for exposure is the on-site construction/excavation worker, where a greater likelihood of direct contact with impacted soil is associated with intrusive activities. Potentially complete exposure pathways, therefore, may include the following for on-site industrial workers, on-site construction/excavation workers, and on-site trespassers – incidental ingestion of and dermal contact with surface soil and inhalation of soil-derived particulates. Access restrictions and health and safety plans are in place limiting/prohibiting direct contact.
- (2) **Surface Water:** Groundwater may discharge to surface water of White Lake where recreational users in the lake may potentially be exposed. Therefore, potentially complete exposure pathways for recreational users of White Lake may include incidental ingestion of and dermal contact with groundwater discharged to lake water while swimming and fishing and ingestion of harvested fish from the lake. Similarly, groundwater may discharge to surface water of Pierson Creek where trespassers may potentially be exposed. Potentially

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complete exposure pathways for trespassers may include incidental ingestion of and dermal contact with groundwater discharged to creek surface water while wading.

- (3) **Subsurface Soil:** Because exposure to subsurface soil only occurs during intrusive activities, the only potential receptor is the on-site construction/excavation worker. Potentially complete exposure pathways, therefore, may include incidental ingestion of and dermal contact with subsurface soil and inhalation of soil-derived particulates or vapors.

Incomplete Exposure Pathways by Media:

- (1) **Groundwater:** COPCs were not detected in on-site drinking water wells. Groundwater is not used for drinking water downgradient of the site (between William Road to the west and Lake Shore Drive to the east) due to pump-and-treat activities currently in operation capturing Former Manufacturing Area groundwater and the municipal water connections recently installed to area residents. Therefore, direct contact (ingestion or dermal contact) with groundwater for on-site workers and off-site residents is incomplete under current land use conditions.
- (2) **Surface Soil:** Impacted soil is contained within site boundaries. Therefore, exposure pathways associated off-site residents are incomplete. No farms or gardens are present on or in the vicinity of the site. Therefore, indirect exposure pathways associated with food are incomplete.
- (3) **Subsurface Soil:** Because the day-to-day operations of the on-site industrial/commercial worker (site caretaker) do not include intrusive activities, direct contact (ingestion or dermal contact) with subsurface soil is not anticipated and is incomplete. Similar to above for surface soil, off-site resident exposure and indirect exposure pathways associated with food are also incomplete.
4. Can the **exposures** from any of the complete pathways identified in #3 be reasonably expected to be **“significant”**⁴ (i.e., potentially “unacceptable” because exposures can be reasonably expected to be: 1) greater in magnitude (intensity, frequency and/or duration) than assumed in the derivation of the acceptable “levels” (used to identify the “contamination”); or 2) the combination of exposure magnitude (perhaps even though low) and contaminant concentrations (which may be substantially above the acceptable “levels”) could result in greater than acceptable risks)?

✓ If no (exposures cannot be reasonably expected to be significant (i.e., potentially “unacceptable”) for any complete exposure pathway) - skip to #6 and enter “YE” status code after explaining and/or referencing documentation justifying why the exposures (from each of the complete pathways) to “contamination” (identified in #3) are not expected to be “significant.”

_____ If yes (exposures could be reasonably expected to be “significant” (i.e., potentially “unacceptable”) for any complete exposure pathway) - continue after providing a description of each potentially “unacceptable” exposure pathway and explaining and/or referencing documentation justifying why the exposures from each of the remaining complete pathways to “contamination” (identified in #3) are not expected to be “significant.”

_____ If unknown (for any complete pathway) - skip to #6 and enter “IN” status code

Rationale and Reference(s):

The potential for exposures to impacted surface soil is not considered significant. COPCs were identified in two locations, both within fenced areas. Site caretakers are not present in these areas on a routine, daily basis. Similarly, construction/excavation work does not currently occur and is not planned in the near future. In addition, a HAP and PSA procedure are in place to protect against unacceptable exposures and to ensure that

⁴ If there is any question on whether the identified exposures are “significant” (i.e., potentially “unacceptable”) consult a human health Risk Assessment specialist with appropriate education, training and experience.

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appropriate measures are taken for personnel protection should any intrusive activity encounter impacted soils. This defined process verifies that work locations are checked against site-wide maps. All available site environmental data, soil characterization, and utility information are also reviewed to ensure that appropriate PPE is used to prevent potential exposure. In addition, site orientations are required for all workers prior to commencing work on site.

Infrequent trespassing activities have been observed in portions of the site. It is unlikely, but possible that an individual might choose to access these fenced units. Given the previous considerations, it is concluded that the likelihood for such exposure is low. Further, even if these exposures occurred, they would be infrequent and of such short duration as to be negligible. As a result, potential trespasser exposure to impacted surface soil is not significant.

COPCs present in site groundwater may discharge to White Lake or Pierson Creek. However, exposure to potential receptors of groundwater discharging to these surface water bodies is not considered significant.

An approved mixing zone has been established for White Lake. The portion of the groundwater plume not within the capture zone is in compliance with the requirements of the approved mixing zone. One constituent (carbon tetrachloride) exceeded chronic mixing zone-based groundwater surface water interface (GSI) criteria (see Table 7). However, the mass flux calculated for carbon tetrachloride did not exceed the chronic mass loading criteria (see Appendix C). As a result, groundwater discharge to surface water is not considered significant. The potential exposure pathways related to food would be indirect exposure from fish or aquatic organisms in White Lake. COPCs identified in groundwater have a low potential for bioaccumulation. Since concentrations in compliance monitoring well locations are in compliance with the mixing zone criteria, exposure pathways associated with food are also not considered significant.

To evaluate groundwater migration pathways to Pierson Creek, constituents detected in groundwater from the following monitoring wells associated with Pierson Creek Landfill were compared to generic GSI criteria (MDEQ Table 1 Guidesheet No. 3): MW-208-20, MW-208-83, MW-209-67, MW-250-54, PCL-03-17, PCL-04-17, PCL-05-45, PCL-05-78, and PCL-06-77. Monitoring well locations are indicated in Figure 4. As shown on Table 7, PCE and CFC 113 were detected in MW-250-54 above GSI criteria. Monitoring well MW-250-54 is located downgradient of the landfill directly adjacent to its northwestern boundary. None of the VOCs were detected in locations downgradient of the landfill (PCL-06-77) or further downgradient adjacent to Pierson Creek (PCL-03-17 and PCL -04-17).

To verify that groundwater migrating from Pierson Creek Landfill is not currently impacting Pierson Creek, during the recent RFI, surface water and sediment were collected from three locations in the creek and two locations in associated tributaries. As noted above, no COPCs were identified in the surface water and sediment samples (see Table 8). As a result, the potential for exposure to trespassers from groundwater discharge to Pierson Creek is not considered significant.

Similar to the rationale presented above for surface soil, potential on-site construction/excavation worker exposures to impacted subsurface soil are not considered significant. As discussed above, construction/excavation work does not currently occur and is not planned in the near future. In addition, controls are in place that would preclude access to impacted soils without protective measures, such as PPE, to prevent exposures.

5. Can the "significant" **exposures** (identified in #4) be shown to be within **acceptable** limits?

_____ If yes (all "significant" exposures have been shown to be within acceptable limits) –continue and enter "YE" after summarizing and referencing documentation justifying why all "significant" exposures to "contamination" are within acceptable limits (e.g., a site-specific Human Health Risk Assessment).

_____ If no (there are current exposures that can be reasonably expected to be "unacceptable") - continue and enter "NO" status code after providing a description of each potentially "unacceptable" exposure.

_____ If unknown (for any potentially "unacceptable" exposure) - continue and enter "IN" status code

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Rationale and Reference(s):

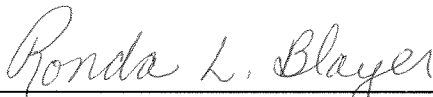
6. Check the appropriate RCRAInfo status codes for the Current Human Exposures under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

☒ YE - Yes, "Current Human Exposures under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "under Control" at the DuPont, Site ID Number MID 000 809 640, located at 6270 Wilkes Road, Montague, Michigan, under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

☐ NO - "Current Human Exposures" are NOT "under Control."

☐ IN - More information is needed to make a determination.

Completed by:



Date: September 24, 2013

Ronda L. Blayer, Environmental Engineering Specialist
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Supervisor:



Date: September 24, 2013

Jack Schinderle, Chief, Management and Tracking Unit
Hazardous Waste Section
Office of Waste Management and Radiological Protection
MDEQ
517.284.6570

Locations where references may be found:

White Lake Community Library
3900 White Lake Drive
Whitehall, Michigan 49431

Contact telephone and e-mail numbers:

Dale Bridgford
517-284-6556
bridgfordd@michigan.gov

FINAL NOTE: The human exposures EI is a qualitative screening of exposures and the determinations within this document should not be used as the sole basis for restricting the scope of more detailed (e.g., site-specific) assessments of risk.

Attachments

TABLES

Table 1
Constituents of Potential Concern in Site-Wide Groundwater
EI CA725
DuPont Montague Works
Montague, Michigan

Detected Analyte ¹	Cas No.	Total (T) / Dissolved (D)	Units	No. of Samples	No. of Detects	Maximum Detect	Location	Date Sampled	MDEQ No. 2 Non-Res DW ²	COPC Yes or No?
1,1,2-TRICHLOROTRIFLUOROETHANE	76131	T	UG/L	318	194	2800	MW-301-125	05/12/10	170000	No
TETRACHLOROETHYLENE	127184	T	UG/L	315	159	3500	WLP-1-125	05/11/10	5	Yes
TRICHLOROETHENE	79016	T	UG/L	315	77	53	MW-302-130	05/12/10	5	Yes
CARBON TETRACHLORIDE	56235	T	UG/L	318	76	190	MW-WLP-04-70	05/14/10	5	Yes
CHLOROFORM	67663	T	UG/L	318	74	26	MW-301-125	11/04/10	80	No
CIS-1,2-DICHLOROETHENE	156592	T	UG/L	318	53	150	MW-304-123	05/12/10	70	Yes
1,1,1-TRICHLOROETHANE	71556	T	UG/L	318	44	7	MW-224-60	05/11/10	200	No
BENZENE	71432	T	UG/L	318	44	10	MW-224-60	05/11/10	5	Yes
1,1-DICHLOROETHANE	75343	T	UG/L	318	22	8	MW-224-60	05/11/10	2500	No
DICHLORODIFLUOROMETHANE	75718	T	UG/L	318	15	50	WLP-1-125	05/03/12	4800	No
CHLORIDE	16887006	T	UG/L	12	12	31900	MW-250-54	10/13/10	250000	No
SULFATE	14808798	T	UG/L	12	12	79900	MW-250-54	10/13/10	250000	No
BARIUM	7440393	T	UG/L	10	10	25.3	MW-250-54	10/13/10	2000	No
LEAD	7439921	T	UG/L	10	10	0.41	PCL-05-45	10/12/10	4	No
TOTAL HARDNESS AS CaCO3	471341	T	UG/L	10	10	742000	MW-250-54	10/13/10	NV	No
AMMONIA	7664417	T	UG/L	9	9	540	MW-250-54	10/13/10	10000	No
TOLUENE	108883	T	UG/L	315	8	2900	MW-224-60	05/11/10	790	Yes
TRANS-1,2-DICHLOROETHENE	156605	T	UG/L	315	6	9	MW-206-40	05/03/12	100	No
TRICHLOROFLUOROMETHANE	75694	T	UG/L	315	4	6	MW-304-123	05/12/10	7300	No
ARSENIC	7440382	T	UG/L	10	3	6	MW-250-54	10/13/10	10	No
COPPER	7440508	T	UG/L	10	3	7.2	MW-208-20	10/12/10	1000	No
ANTIMONY	7440360	T	UG/L	10	2	1.2	MW-250-54	10/13/10	6	No
CHROMIUM	7440473	T	UG/L	10	2	3.6	PCL-05-45	10/12/10	100	No
FLUORIDE	16984488	T	UG/L	12	2	3100	MW-250-54	10/13/10	NV	No
NICKEL	7440020	T	UG/L	10	2	4.4	MW-208-20	10/12/10	100	No
1,1-DICHLORO-2,2,2-TRIFLUOROETHANE (Targeted TIC)	EVS0713	T	UG/L	1	1	5	MW-208-20	10/12/10	NV	No
BENZO(G,H,I)PERYLENE	191242	T	UG/L	9	1	0.014	MW-250-54	10/13/10	0.26	No
BIS(2-ETHYLHEXYL)PHTHALATE	117817	T	UG/L	9	1	2	MW-208-83	10/12/10	6	No
INDENO (1,2,3-CD) PYRENE	193395	T	UG/L	9	1	0.013	MW-250-54	10/13/10	0.022	No
TETRAHYDROFURAN	109999	T	UG/L	10	1	8	MW-209-67	10/12/10	270	No
ZINC	7440666	T	UG/L	10	1	13.6	MW-208-20	10/12/10	5000	No

Notes:

1- Constituents detected in monitoring wells sampled between December 2009 and May 2012. Results by location are tabulated in Attachment A.

2 - Part 201 Generic Cleanup Criteria for Non-Residential Drinking Water (MDEQ No. 2)

NV - No value available

Table 2
Constituents of Potential Concern - Groundwater Volatilization to Indoor Air Pathway
EI CA725
DuPont Montague Works
Montague, Michigan

On-Site

Detected Analyte ¹	Cas No.	Total (T) / Dissolved (D)	Units	No. of Samples	No. of Detects	Maximum Detect	MDEQ Criteria		COPC Yes or No?
							GVIC	GW _{vi}	
1,1,1-TRICHLOROETHANE	71556	T	UG/L	46	2	7	660,000	12,000	No
1,1,2-TRICHLOROTRIFLUOROETHANE	76131	T	UG/L	46	15	270	170,000	30,000	No
1,1-DICHLOROETHANE	75343	T	UG/L	46	6	8	1,000,000	18,000	No
BENZENE	71432	T	UG/L	46	12	16	5,600	92	No
CARBON TETRACHLORIDE	56235	T	UG/L	46	21	74 (16)	370	26	No (3)
CHLOROFORM	67663	T	UG/L	46	15	8	28,000	480	No
CIS-1,2 DICHLOROETHENE	156592	T	UG/L	46	4	3	93,000	1,700	No
TETRACHLOROETHYLENE	127184	T	UG/L	43	24	58	25,000	460	No
TOLUENE	108883	T	UG/L	43	6	5800	530,000	150,000	No
TRANS-1,2-DICHLOROETHENE	156605	T	UG/L	43	8	9	85,000	1,500	No
TRICHLOROFLUOROMETHANE	75694	T	UG/L	43	2	3	1,100,000	120,000	No

Notes:

1 - Detected analytes in monitoring wells located within Former Manufacturing Area (MW-02, MW-204-40, MW-204-80, MW-206-40, MW-206-80, MW-224, MW-251) (sampled between 2009 and 2012).

2 - Part 201 Generic Cleanup Criteria for Non-residential Groundwater Volatilization to Indoor Air Inhalation Criteria (GVIC) (MDEQ No. 5)

MDEQ Draft Vapor Intrusion Screening Values - Groundwater concentration for vapor intrusion (March 2012)

3 - Maximum detect in last three semi-annual events (16 ug/L) is less than screening criteria. Average detection (12 ug/L) is also less than criteria.

Off-Site

Detected Analyte ¹	Cas No.	Total (T) / Dissolved (D)	Units	No. of Samples	No. of Detects	Maximum Detect	MDEQ Criteria		COPC Yes or No?
							GVIC	GW _{vi}	
1,1,2-TRICHLOROTRIFLUOROETHANE	76131	T	UG/L	68	12	9	170,000	7,100	No
CIS-1,2 DICHLOROETHENE	156592	T	UG/L	65	2	2	210,000	400	No
TETRACHLOROETHYLENE	127184	T	UG/L	68	9	22	170,000	67	No
TOLUENE	108883	T	UG/L	65	1	0.8	530,000	36,000	No
TRICHLOROETHENE	79016	T	UG/L	65	7	2	97,000	9.8	No

Notes:

1 - Detected analytes in residential wells sampled along Williams Road and Lake Shore Drive (between 2009 and 2012).

2 - Part 201 Generic Cleanup Criteria for Residential Groundwater Volatilization to Indoor Air Inhalation Criteria (GVIC) (MDEQ No. 6)

MDEQ Draft Vapor Intrusion Screening Values - Groundwater concentration for vapor intrusion (March 2012)

Table 3
Constituents of Potential Concern in Surface Soil
EI CA725
DuPont Montague Works
Montague, Michigan

Detected Analyte ¹	CAS No.	Units	No. of Samples	No. of Detects	Maximum Detect	Location of Maximum Detect	Direct Contact - MDEQ No. 27	Infinite Source Volatile Soil Inhalation - MDEQ No. 23	Particulate Soil Inhalation - MDEQ No. 26	Statewide Background Levels - MDEQ No. 10	COPC Yes or No?
<i>Volatile Organic Compounds</i>											
1,1,2-TRICHLOROTRIFLUOROETHANE	76131	MG/KG	36	3	4.5	10PCLSS-06	550	210000	2300000000	-	No
ACETALDEHYDE	75070	MG/KG	24	13	7	10PCLSS-06	95000	210	260000	-	No
ACETONE	67641	MG/KG	24	13	0.15	11NLSS-03	73000	160000	170000000	-	No
BENZENE	71432	MG/KG	38	2	0.53	10PCLSS-06	400	45	470000	-	No
CARBON DISULFIDE	75150	MG/KG	2	1	0.123	PCL-B1	280	1600	21000000	-	No
CIS-1,2 DICHLOROETHENE	156592	MG/KG	31	1	1.9	10PCLSS-06	640	210	1000000	-	No
ETHYLBENZENE	100414	MG/KG	29	1	0.33	10PCLSS-06	140	2400	13000000	-	No
METHYLENE CHLORIDE	75092	MG/KG	35	3	0.487	PCL-B1	2300	700	8300000	-	No
TETRACHLOROETHYLENE	127184	MG/KG	37	14	45	10PCLSS-06	88	600	6800000	-	No
TOLUENE	108883	MG/KG	34	3	1.6	10PCLSS-06	250	3300	12000000	-	No
TRICHLOROETHENE	79016	MG/KG	37	1	11	10PCLSS-06	500	260	2300000	-	No
TRICHLOROFLUOROMETHANE	75694	MG/KG	27	1	0.0177	PCL-B2	560	110000	1700000000	-	No
XYLENES	1330207	MG/KG	24	1	1.1	10PCLSS-06	150	54000	130000000	-	No
<i>Semivolatile Organic Compounds</i>											
2-METHYLNAPHTHALENE	91576	MG/KG	24	7	33	10PCLSS-06	26000	-	-	-	No
ACENAPHTHENE	83329	MG/KG	29	3	11	10PCLSS-06	130000	97000	6200000	-	No
ACENAPHTHYLENE	208968	MG/KG	29	9	38	10PCLSS-06	5200	2700	1000000	-	No
ANTHRACENE	120127	MG/KG	29	6	16	10PCLSS-06	730000	1600000	29000000	-	No
BENZO(A)ANTHRACENE	56553	MG/KG	29	8	15	10PCLSS-06	80	-	-	-	No
BENZO(B)FLUORANTHENE	205992	MG/KG	29	9	23	10PCLSS-06	80	-	-	-	No
BENZO(G,H,I)PERYLENE	191242	MG/KG	29	13	44	10PCLSS-06	7000	-	350000	-	No
BENZO(A)PYRENE	50328	MG/KG	29	6	17	10PCLSS-06	8	-	1900	-	Yes
BIS(2-ETHYLHEXYL)PHTHALATE	117817	MG/KG	32	5	27.5	PCL-B1	10000	-	890000	-	No
CHRYSENE	218019	MG/KG	29	8	15	10PCLSS-06	8000	-	-	-	No
DIBENZOFURAN	132649	MG/KG	24	2	7.7	10PCLSS-06	NV	-	-	-	No
DI-N-BUTYL PHTHALATE	84742	MG/KG	29	2	5.73	PCL-B1	760	-	1500000	-	No
FLUORANTHENE	206440	MG/KG	29	10	190	10PCLSS-06	130000	890000	4100000	-	No
FLUORENE	86737	MG/KG	29	6	58	10PCLSS-06	87000	150000	4100000	-	No
INDENO (1,2,3-CD) PYRENE	193395	MG/KG	29	12	23	10PCLSS-06	80	-	-	-	No
NAPHTHALENE	91203	MG/KG	29	6	14	10PCLSS-06	52000	350	88000	-	No
N-NITROSODIPHENYLAMINE	86306	MG/KG	32	1	0.18	10PCLSS-02	7800	-	-	-	No
N-NITROSOPYRROLIDINE	930552	MG/KG	2	2	20	PCL-B1	NV	-	-	-	No
PHENANTHRENE	85018	MG/KG	32	8	67	10PCLSS-06	5200	190	2900	-	No
PYRENE	129000	MG/KG	29	10	240	10PCLSS-06	84000	780000	2900000	-	No

Table 3
Constituents of Potential Concern in Surface Soil
EI CA725
DuPont Montague Works
Montague, Michigan

Detected Analyte ¹	CAS No.	Units	No. of Samples	No. of Detects	Maximum Detect	Location of Maximum Detect	Direct Contact - MDEQ No. 27	Infinite Source Volatile Soil Inhalation - MDEQ No. 23	Particulate Soil Inhalation - MDEQ No. 26	Statewide Background Levels - MDEQ No. 10	COPC Yes or No?
Furans ³											
1,2,3,4,7,8-HXCDF	70648269	MG/KG	21	21	0.0001148	11NELSS-05	0.00099	-	0.089	-	No
1,2,3,6,7,8-HXCDF	57117449	MG/KG	21	21				-			
1,2,3,7,8,9-HXCDF	72918219	MG/KG	21	11				-			
2,3,4,6,7,8-HXCDF	60851345	MG/KG	21	20				-			
Inorganics											
ANTIMONY	7440360	MG/KG	40	27	256	8-4	670	-	5900	-	No
ARSENIC	7440382	MG/KG	40	40	2,020	A-2	37	-	910	5.8	Yes
BARIUM	7440393	MG/KG	24	24	55.1	10PCLSS-06	130000	-	150000	75	No
BERYLLIUM	7440417	MG/KG	32	12	0.297	10PCLSS-06	1600	-	590	-	No
CADMIUM	7440439	MG/KG	32	5	1.01	10PCLSS-06	2100	-	2200	1.2	No
CHROMIUM	7440473	MG/KG	32	32	76	PCL-B1	9200	-	240	18	No
COBALT	7440484	MG/KG	24	22	1.66	11BPSS-01	9000	-	5900	6.8	No
COPPER	7440508	MG/KG	32	32	51700	PCL-B1	73000	-	59000	32	No
LEAD	7439921	MG/KG	32	32	82	PCL-B1	900	-	44000	21	No
MERCURY	7439976	MG/KG	32	9	0.773	10PCLSS-06	580	62	8800	0.13	No
NICKEL	7440020	MG/KG	32	32	120	PCL-B1	150000	-	16000	20	No
SELENIUM	7782492	MG/KG	32	5	0.76	PCL-B2	9600	-	59000	0.41	No
SILVER	7440224	MG/KG	32	3	7.3	PCL-B1	9000	-	2900	1	No
THALLIUM	7440280	MG/KG	29	6	0.5	SETPND1A-1	130	-	-	-	No
TIN	7440315	MG/KG	24	9	15	PCL-B1	NV	NV	NV	NV	No
VANADIUM	7440622	MG/KG	24	23	7.21	11NLSS-02	5500	-	-	-	No
ZINC	7440666	MG/KG	32	32	160	PCL-B1	630000	-	-	47	No
Miscellaneous Parameters											
AMMONIA	7664417	MG/KG	22	7	73.6	10PCLSS-06	NV	-	2900000	-	No
CALCIUM	7440702	MG/KG	8	8	457000	B-3	NV	-	-	-	No
CHLORIDE	16887006	MG/KG	22	1	35.4	10PCLSS-06	500	-	-	-	No
CYANIDE	57125	MG/KG	24	3	3	10PCLSS-06	250	-	250	0.39	No
FLUORIDE	16984488	MG/KG	27	6	8	10PCLSS-06	NV	-	-	-	No
FLUORINE	7782414	MG/KG	4	4	50400	B-4	67000000	-	-	-	No
SILICON	7440213	MG/KG	8	8	36200	B-4	NV	-	-	-	No
SULFATE	14808798	MG/KG	22	9	258	11BPSS-06	NV	-	-	-	No
SULFIDE	18496258	MG/KG	17	2	0.029	PCL-B1	NV	-	-	-	no

Notes:

1 - Detected analytes in surface soil samples (collected from depths between 0 and 2 feet bgs).

2 - MDEQ Part 201 Generic Cleanup Criteria (March 2011 Version)

NV - No value available

3 - Furan results presented as the toxicity equivalency (TEQ) of 2,3,7,8-TCDD

TEQ compared to MDEQ criteria for 2,3,7,8-TCDD

Table 4
Constituents of Potential Concern in Surface Water
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte	Units	Total (T)/ Diss. (D)	MDEQ Rule 57 WQV Screening Criteria	Location	10PCK-01	10PCK-02	10PCK-03	10PCK-03	10PCK-04	10PCK-05
				Date	10/13/10	10/13/10	10/13/10	10/13/10	10/14/10	10/14/10
				Top (ft)	0	0	0	0	0	0
				Bottom (ft)	0	0	0	0	0	0
				Duplicate	FS	FS	DUP	FS	FS	FS
Volatile Organic Compounds (VOCs)										
CIS-1,2 DICHLOROETHENE	UG/L	T	36000		2 J	<0.8	<0.8	<0.8	<0.8	<0.8
TETRACHLOROETHYLENE	UG/L	T	60		28	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	370		5	<1	<1	<1	<1	<1
Metals										
ANTIMONY	UG/L	T	130		0.68 J	<0.3	<0.3	<0.3	<0.3	<0.3
ARSENIC	UG/L	T	280		<0.95	1.6 J	<0.95	<0.95	<0.95	<0.95
BARIUM	UG/L	T	160000		17.7	18.5	14.8	15.6	14.7	14.7
LEAD	UG/L	T	190		3.6	0.53 J	<0.052	<0.052	<0.052	<0.052
Miscellaneous										
AMMONIA	UG/L	T	29		^150 J	^53 J	^71 J	^70 J	^<50	^96 J
CHLORIDE	UG/L	T	NV		5300	9000	11000	9900	9100 J	8500 J
SULFATE	UG/L	T	NV		15700	30800	16500	16800	15200	18200
TOTAL HARDNESS AS CaCO3	UG/L	T			249000	276000	191000	187000	190000	208000

Notes:

WQV shown is lower of values protective of human health
(carcinogen and non-carcinogen) for non drinking water
Value for ammonia is final chronic value (FCV),
which is protective of human health and aquatic life

yellow shading indicates an exceedance of screening criteria
orange shading indicates detection limit is above criteria

Table 5
Constituents of Potential Concern in Sediment
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ	Location	10PCK-01	10PCK-02	10PCK-03	10PCK-03	10PCK-04	10PCK-05
		No. 27	Date	10/14/10	10/14/10	10/14/10	10/14/10	10/14/10	10/14/10
		Direct	Top (ft)	0	0	0	0	0	0
		Contact	Bottom (ft)	0.5	0.5	0.5	0.5	0.5	0.5
			Duplicate	FS	FS	DUP	FS	FS	FS
Volatile Organic Compounds (VOCs)									
1,1,2-TRICHLOROTRIFLUOROETHANE	MG/KG	550		0.1 J	ND (0.023)	ND (0.002)	ND (0.002)	ND (0.003)	ND (0.002)
ACETALDEHYDE	MG/KG	95000		ND (1.5)	2.7 J	0.47 J	0.32 J	0.52 J	ND (0.27)
ACETONE	MG/KG	73000		0.4	0.61	ND (0.008)	ND (0.008)	0.037	ND (0.008)
CIS-1,2 DICHLOROETHENE	MG/KG	640		0.21	ND (0.012)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.001)
TETRACHLOROETHYLENE	MG/KG	88		1.7 J	ND (0.012)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.001)
TRANS-1,2-DICHLOROETHENE	MG/KG	1400		0.17	ND (0.012)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.001)
TRICHLOROETHENE	MG/KG	500		1	ND (0.012)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.001)
Metals									
ANTIMONY	MG/KG	670		11 J	0.984 J	ND (0.0746)	0.083 J	ND (0.0853)	ND (0.0786)
ARSENIC	MG/KG	37		8.88 J	13.2 J	0.435 J	0.403 J	0.788 J	0.705 J
BARIUM	MG/KG	130000		50.1	92.8	2.88	3.56	7.42	5.73
BERYLLIUM	MG/KG	1600		ND (0.494)	0.575 J	ND (0.0837)	0.164 J	0.109 J	0.0995 J
CADMIUM	MG/KG	2100		1.15 J	1.31 J	ND (0.172)	ND (0.178)	ND (0.195)	ND (0.191)
CHROMIUM	MG/KG	9200		17.9	20	1.17 J	1.22 J	2.22	3
COBALT	MG/KG	9000		2.85 J	2.08 J	0.3 J	0.361 J	0.518 J	0.375 J
COPPER	MG/KG	73000		15.9	12.4	0.367 J	0.522 J	2.91	3.63
LEAD	MG/KG	900		35.6	42.8	ND (0.738)	ND (0.762)	1.38 J	1.61 J
MERCURY	MG/KG	580		0.216 J	0.245 J	ND (0.0035)	0.0039 J	0.0113 J	0.0117 J
NICKEL	MG/KG	150000		10.1	7.65	0.821 J	0.94 J	1.53	1.26 J
THALLIUM	MG/KG	130		1.32 J	0.321 J	ND (0.0373)	ND (0.0385)	ND (0.0426)	ND (0.0393)
TIN	MG/KG			9.25 J	8.73 J	1.46 B	1.63 B	1.65 B	1.62 B
VANADIUM	MG/KG	5500		37.7	20.7	1.67	1.99	3.34	2.72
ZINC	MG/KG	630000		74.1	92.4	2.87	3.57	7.7	4.31
Miscellaneous									
AMMONIA	MG/KG	ID		395	865	18.2 J	18.6 J	70.6 J	33.3 J
CHLORIDE	MG/KG	500		ND (37)	ND (32.9)	ND (6.3)	ND (6.5)	8.1 J	ND (6.8)
FLUORIDE	MG/KG			19.2 J	ND (5.3) U	ND (1)	ND (1)	ND (1.2) U	ND (1.1) U
SULFATE	MG/KG	ID		190 J	89.6 J	10 J	18.4 J	24.3 J	15.8 J
PERCENT MOISTURE	%			83.3	84.2	18.9	17.3	29.4	20.7
PERCENT SOLIDS	%			15.3 J	17.8 J	79 J	77.4 J	69.5 J	74 J
TOTAL ORGANIC CARBON	MG/KG			166000	309000	175 J	ND (130)	3770	2690

Screening Criteria Footnotes:

"ID" means insufficient data to develop criterion.

^ and shaded cells = Concentration above criteria (NDs assumed to be 100% reporting limit
 < and ND = Non detect at stated reporting limit

Table 6
Constituents of Potential Concern in Subsurface Soil
EI CA725
DuPont Montague Works
Montague, Michigan

Detected Analyte ¹	CAS No.	Units	No. of Samples	No. of Detects	Maximum Detect	Location of Maximum Detect	Direct Contact - MDEQ No. 27	Infinite Source Volatile Soil Inhalation - MDEQ No. 23	Particulate Soil Inhalation - MDEQ No. 26	Statewide Background Levels - MDEQ No. 10	COPC Yes or No?
Volatile Organic Compounds											
1,1,1-TRICHLOROETHANE	71556	MG/KG	34	1	0.00342	TPNEL03	460	4500	29000000	-	No
1,1,2-TRICHLOROTRIFLUOROETHANE	76131	MG/KG	3	2	0.004	SETPND1B	550	210000	2300000000	-	No
ACETONE	67641	MG/KG	24	2	0.0865	TPBP11	73000	160000	170000000	-	No
BENZENE	71432	MG/KG	28	3	2	TPPC05	400	45	470000	-	No
CARBON TETRACHLORIDE	56235	MG/KG	34	1	0.001	RCUA-1	390	12	170000	-	No
ETHYLBENZENE	100414	MG/KG	28	4	2.94	TPPC05	140	2400	13000000	-	No
METHYLENE CHLORIDE	75092	MG/KG	28	22	18.3	TPNEL07	2300	700	8300000	-	No
M-XYLENE	108383	MG/KG	24	3	5.55	TPPC05	150	54000	130000000	-	No
STYRENE	100425	MG/KG	24	4	13.1	TPPC05	520	3300	6900000	-	No
TETRACHLOROETHYLENE	127184	MG/KG	34	10	26.1	TPPC02	88	600	6800000	-	No
TOLUENE	108883	MG/KG	30	8	457	TPNEL07LR	250	3300	120000000	-	Yes
TRICHLOROETHENE	79016	MG/KG	34	1	0.467	TPPC02	500	260	2300000	-	No
TRICHLOROFLUOROMETHANE	75694	MG/KG	24	1	0.0113	TPNEL03	560	110000	1700000000	-	No
XYLENES	1330207	MG/KG	24	4	5.37	TPPC05	150	54000	130000000	-	No
Semivolatile Organic Compounds											
2,4-DIMETHYLPHENOL	105679	MG/KG	28	1	0.668	TPNEL07	36000	-	2100000	-	No
2-METHYLNAPHTHALENE	91576	MG/KG	24	7	20.4	TPPC05	26000	-	-	-	No
2-METHYLPHENOL (O-CRESOL)	95487	MG/KG	24	2	0.864	TPNEL07	NV	-	-	-	No
3- AND 4- METHYLPHENOL	EVS0197	MG/KG	24	1	0.141	TPNEL07	NV	-	-	-	No
4-CHLORO-3-METHYLPHENOL	59507	MG/KG	28	3	0.694	TPNEL06	15000	-	-	-	No
ACENAPHTHENE	83329	MG/KG	28	3	2.43	TPPC07	130000	97000	6200000	-	No
ACENAPHTHYLENE	208968	MG/KG	28	6	66.2	TPPC05	5200	2700	1000000	-	No
ACETOPHENONE	98862	MG/KG	24	4	4.7	TPNEL07	1100	52000	14000000	-	No
ANTHRACENE	120127	MG/KG	28	5	19.1	TPPC05	730000	1600000	29000000	-	No
BENZO(B)FLUORANTHENE	205992	MG/KG	28	5	2.14	TPPC05	80	-	-	-	No
BENZO(G,H,I)PERYLENE	191242	MG/KG	28	6	3.54	TPPC07	7000	-	350000	-	No
BENZO(A)PYRENE	50328	MG/KG	28	5	2.53	TPPC05	8	-	1900	-	No
BENZYL ALCOHOL	100516	MG/KG	24	16	1.39	TPBP13FR	5800	-	150000000	-	No
BIS(2-ETHYLHEXYL)PHTHALATE	117817	MG/KG	28	6	2	PC-1-SOUTH	10000	-	890000	-	No
CHRYSENE	218019	MG/KG	28	5	1.71	TPPC07	8000	-	-	-	No
DIBENZOFURAN	132649	MG/KG	24	5	3.88	TPPC05	NV	-	-	-	No
DIMETHYL PHTHALATE	131113	MG/KG	28	1	0.041	SETPND1-4-1	790	-	1500000	-	No
DI-N-BUTYL PHTHALATE	84742	MG/KG	28	17	8.85	TPPC02	760	-	1500000	-	No
FLUORANTHENE	206440	MG/KG	28	9	55.4	TPPC07	130000	890000	4100000	-	No
FLUORENE	86737	MG/KG	28	6	13.2	TPPC07	87000	150000	4100000	-	No
HEXACHLOROBUTADIENE	87683	MG/KG	28	4	5.36	TPNEL03	350	460	180000	-	No
INDENO (1,2,3-CD) PYRENE	193395	MG/KG	28	6	1.81	TPPC07	80	-	-	-	No
NAPHTHALENE	91203	MG/KG	28	8	84.1	TPPC05	52000	350	88000	-	No

Table 6
Constituents of Potential Concern in Subsurface Soil
EI CA725
DuPont Montague Works
Montague, Michigan

Detected Analyte ¹	CAS No.	Units	No. of Samples	No. of Detects	Maximum Detect	Location of Maximum Detect	Direct Contact - MDEQ No. 27	Infinite Source Volatile Soil Inhalation - MDEQ No. 23	Particulate Soil Inhalation - MDEQ No. 26	Statewide Background Levels - MDEQ No. 10	COPC Yes or No?
N-DIOCTYL PHTHALATE	117840	MG/KG	28	1	0.262	TPNEL08	20000	-	-	-	No
N-NITROSODIETHYLAMINE	55185	MG/KG	24	1	1	TPBP15	NV	-	-	-	No
N-NITROSODIMETHYLAMINE	62759	MG/KG	28	1	1	TPPC07FR	NV	-	-	-	No
N-NITROSODIPHENYLAMINE	86306	MG/KG	28	1	0.8	PC-1-SOUTH	7800	-	-	-	No
PHENANTHRENE	85018	MG/KG	28	10	55.3	TPPC05	5200	190	2900	-	No
PYRENE	129000	MG/KG	28	9	78.1	TPPC05	84000	780000	2900000	-	No
Inorganics											
ANTIMONY	7440360	MG/KG	42	8	58	PC-1-SOUTH	670	-	5900	-	No
ARSENIC	7440382	MG/KG	42	32	310	PC-1-SOUTH	37	-	910	5.8	Yes
BARIUM	7440393	MG/KG	24	20	10	TPPC10	130000	-	150000	75	No
BERYLLIUM	7440417	MG/KG	28	21	1.9	TPPC02	1600	-	590	-	No
CADMIUM	7440439	MG/KG	28	19	11	TPNEL06	2100	-	2200	1.2	No
CHROMIUM	7440473	MG/KG	28	25	76.7	PC-1-SOUTH	9200	-	240	18	No
COBALT	7440484	MG/KG	24	12	13200	TPNEL06	9000	-	5900	6.8	Yes
COPPER	7440508	MG/KG	28	28	22400	PC-1-SOUTH	73000	-	59000	32	No
LEAD	7439921	MG/KG	28	28	19.3	PC-1-SOUTH	900	-	44000	21	No
MERCURY	7439976	MG/KG	28	6	11	TPNEL06	580	62	8800	0.13	No
NICKEL	7440020	MG/KG	28	26	71.3	PC-1-SOUTH	150000	-	16000	20	No
SELENIUM	7782492	MG/KG	28	3	4	TPNEL06	9600	-	59000	0.41	No
SILVER	7440224	MG/KG	28	3	1.1	TPPC05	9000	-	2900	1	No
THALLIUM	7440280	MG/KG	28	3	19	TPNEL07	130	-	-	-	No
TIN	7440315	MG/KG	24	23	11	TPPC05	NV	-	-	-	No
VANADIUM	7440622	MG/KG	24	24	34	TPNEL06	5500	-	-	-	No
ZINC	7440666	MG/KG	28	25	82	PC-1-SOUTH	630000	-	-	47	No
Miscellaneous Parameters											
CALCIUM	7440702	MG/KG	14	14	452000	C-4	NV	-	-	-	No
CYANIDE	57125	MG/KG	26	4	4	C-1 and D-4	250	-	250	0.39	No
FLUORIDE	16984488	MG/KG	6	4	2.9	RCUA-4B	NV	-	-	-	No
FLUORINE	7782414	MG/KG	7	7	510	B-3	67000000	-	-	-	No
SILICON	7440213	MG/KG	14	14	12400	D-1	NV	-	-	-	No
SULFIDE	18496258	MG/KG	24	1	8	TPPC02	NV	-	-	-	No

Notes:

1 - Detected analytes in subsurface soil samples (collected from depths greater than 2 feet bgs).

2 - MDEQ Part 201 Generic Cleanup Criteria (March 2011 Version)

NV - No value available

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{4,3}			Location	MW-LSD-01-130	MW-LSD-01-130	MW-LSD-01-130	MW-LSD-01-130	MW-LSD-01-130	MW-LSD-01-130
			Acute	Chronic	Generic	Date	12/14/09	2/23/10	5/14/10	8/6/10	11/2/10	4/7/11
			Mixing Zone	Mixing Zone	GSI	Top (ft)	0	0	0	0	0	0
			Based	Based	Screening	Bottom (ft)	0	0	0	0	0	0
			GSI	GSI	Criteria	Duplicate	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			160	160	210	180	170	190
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		1 J	2 J	2 J	2 J	1 J	2 J
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2 DICHLOROETHENE	UG/L	T			620		0.9 J	0.9 J	1 J	0.9 J	0.9 J	0.8 J
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			26	34	38	23	27	20
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		5	7	8	8	8	7
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2

Notes:

1 - Compliance monitoring well data collected between December 2009 and May 2012.

2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.

3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-LSD-01-130	MW-LSD-01-130	MW-LSD-01-130	MW-LSD-01-130	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80
			Acute	Chronic	Generic	Date	8/17/11	10/24/11	3/28/12	5/1/12	12/14/09	2/23/10	5/14/10	8/6/10
			Mixing Zone	Mixing Zone	GSI	Top (ft)	0	0	0	0	0	0	0	0
			Based	Based	Screening	Bottom (ft)	0	0	0	0	0	0	0	0
			GSI	GSI	Criteria	Duplicate	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			160	170	150	140	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		2 J	2 J	1 J	1 J	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2 DICHLOROETHENE	UG/L	T			620		1 J	0.9 J	0.9 J	0.9 J	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2	<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			22	22	16	15	5	8	8	6
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		8	7	7	6	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2	<2

Notes:

- 1 - Compliance monitoring well data collected between December 2009 and May 2012.
- 2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.
- 3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-02-127
			Acute	Chronic	Generic	Date	11/2/10	4/7/11	6/15/11	8/17/11	10/24/11	3/28/12	5/1/12	12/14/09
			Mixing Zone	Mixing Zone	GSI	Top (ft)	0	0	0	0	0	0	0	0
			Based	Based	Screening	Bottom (ft)	0	0	0	0	0	0	0	0
			GSI	GSI	Criteria	Duplicate	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			<2	<2	<2	<2	<2	<2	<2	110
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	<1	1 J
BENZENE	UG/L	T			12		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1 J
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2 DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	1 J
DICHLORODIFLUOROMETHANE	UG/L	T			10		<2	<2	<2	<2	<2	<2	<2	3 J
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			7	5	5	6	6	4 J	4 J	4 J
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	0.8 B	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		<1	<1	<1	<1	<1	<1	<1	5
TRICHLOROFUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2	<2

Notes:

- 1 - Compliance monitoring well data collected between December 2009 and May 2012.
- 2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.
- 3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{4,5}			Location	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	2/23/10	5/14/10	8/6/10	11/2/10	4/7/11	6/15/11	8/17/11
						Top (ft)	0	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0	0
						Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350		130	120	160	200	260	190	220	
1,1-DICHLOROETHANE	UG/L	T			740	1 J	2 J	2 J	2 J	2 J	2 J	2 J	
BENZENE	UG/L	T			12	1 J	1 J	2 J	1 J	1 J	1 J	2 J	
CARBON TETRACHLORIDE	UG/L	T	1400	45		<1	<1	<1	<1	<1	<1	<1	
CHLOROFORM	UG/L	T			350	0.9 J	0.9 J	1 J	1 J	1 J	1 J	2 J	
CIS-1,2 DICHLOROETHENE	UG/L	T			620	1 J	1 J	2 J	0.9 J	2 J	1 J	2 J	
DICHLORODIFLUOROMETHANE	UG/L	T			ID	<2	3 J	4 J	<2	<2	<2	5	
METHYLENE CHLORIDE	UG/L	T			47	<2	<2	<2	<2	<2	<2	<2	
TETRACHLOROETHYLENE	UG/L	T	2900	60		5	5	4 J	5	4 J	3 J	5	
TOLUENE	UG/L	T			270	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	
TRANS-1,2-DICHLOROETHENE	UG/L	T			470	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	
TRICHLOROETHENE	UG/L	T			29	5	5	5	5	6	5	7	
TRICHLOROFUOROMETHANE	UG/L	T			NA	<2	<2	<2	<2	<2	<2	<2	

Notes:

1 - Compliance monitoring well data collected between December 2009 and May 2012.

2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.

3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	10/24/11	3/28/12	5/1/12	12/14/09	2/23/10	5/14/10	8/6/10	11/2/10
						Top (ft)	0	0	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0	0	0
						Duplicate	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			300	290	250	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T			740		2 J	2 J	2 J	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		2 J	1 J	2 J	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		2 J	1 J	1 J	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2 DICHLOROETHENE	UG/L	T			620		2 J	2 J	1 J	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			ID		5	4 J	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			4 J	4 J	4 J	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		6	6	5	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2	<2

Notes:

- 1 - Compliance monitoring well data collected between December 2009 and May 2012.
2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.
3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-03-124	MW-LSD-03-124
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	4/7/11	6/15/11	8/17/11	10/24/11	3/28/12	5/1/12	12/14/09	2/23/10
						Top (ft)	0	0	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0	0	0
						Duplicate	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			<2	<2	<2	<2	<2	<2	21	16
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8J	0.6J
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2-DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2	<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		<1	<1	<1	<1	<1	<1	1J	1J
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2	<2

Notes:

- 1 - Compliance monitoring well data collected between December 2009 and May 2012.
- 2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.
- 3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{4,5}			Location	MW-LS-03-124	MW-LS-03-124	MW-LS-03-124	MW-LS-03-124	MW-LS-03-124	MW-LS-03-124	MW-LS-03-124
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	5/14/10	8/6/10	11/2/10	4/7/11	6/15/11	8/17/11	10/24/11
						Top (ft)	0	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0	0
						Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			17	18	12	14	10	16	16
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		0.8 J	0.6 J	<0.5	0.5 J	<0.5	0.5 J	0.6 J
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2 DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		1 J	1 J	<1	1 J	<1	1 J	1 J
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2

Notes:

1 - Compliance monitoring well data collected between December 2009 and May 2012.

2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.

3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-LSD-03-124	MW-LSD-03-124	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	3/28/12	5/1/12	12/14/09	2/23/10	5/14/10	8/6/10	11/2/10	4/7/11
						Top (ft)	0	0	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0	0	0
						Duplicate	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			10	10	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2-DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2	<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2	<2

Notes:

- 1 - Compliance monitoring well data collected between December 2009 and May 2012.
- 2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.
- 3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-145
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	6/15/11	8/17/11	10/24/11	3/28/12	5/1/12	12/15/09	2/24/10	5/14/10
						Top (ft)	0	0	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0	0	0
						Duplicate	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			<2	<2	<2	<2	<2	<2	2 J	<2
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2 DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2	<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2	<2

Notes:

1 - Compliance monitoring well data collected between December 2009 and May 2012.

2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.

3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria.

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-145
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	8/5/10	11/1/10	4/6/11	6/17/11	8/16/11	10/26/11
						Top (ft)	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0
						Duplicate	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2-DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2	<2	<2	4 J	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2

Notes:

- 1 - Compliance monitoring well data collected between December 2009 and May 2012.
2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.
3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-WLP-02-145	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	5/1/12	12/15/09	2/24/10	5/14/10	8/5/10	11/1/10	4/6/11
						Top (ft)	0	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0	0
						Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			<2	3 J	<2	3 J	<2	2 J	<2
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2 DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			10		<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2

Notes:

1 - Compliance monitoring well data collected between December 2009 and May 2012.

2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.

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Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{4,5}			Location	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-03-120	MW-WLP-03-120
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	6/17/11	8/16/11	10/26/11	3/26/12	5/1/12	12/15/09	2/24/10
						Top (ft)	0	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0	0
						Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			<2	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	<1	<1	<1	<1	<1
CHLOROFORM	UG/L	T			350		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,2 DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2 UJ	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2

Notes:

1 - Compliance monitoring well data collected between December 2009 and May 2012.

2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.

3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	5/14/10	8/5/10	11/1/10	4/6/11	6/15/11	8/16/11	10/26/11
						Top (ft)	0	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0	0
						Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			11	7 J	5 J	3 J	<2	<2	
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	
BENZENE	UG/L	T			12		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
CARBON TETRACHLORIDE	UG/L	T	1400	45			2 J	<1	<1	<1	<1	<1	
CHLOROFORM	UG/L	T			350		<0.8	<0.8	1 J	<0.8	<0.8	<0.8	
CIS-1,2 DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2	<2	<2	<2	<2	<2	
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	
TETRACHLOROETHYLENE	UG/L	T	2900	60			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	
TRICHLOROETHENE	UG/L	T			29		<1	<1	<1	<1	<1	<1	
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	

Notes:

1 - Compliance monitoring well data collected between December 2009 and May 2012.

2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.

3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80
			Acute Mixing Zone Based GSI	Chronic Mixing Zone Based GSI	Generic GSI Screening Criteria	Date	3/26/12	5/1/12	12/15/09	12/15/09	2/24/10	5/14/10	8/5/10
			GSI	GSI		Top (ft)	0	0	0	0	0	0	0
						Bottom (ft)	0	0	0	0	0	0	0
						Duplicate	FS	FS	DUP	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		<0.8	<0.8	1 J	1 J	1 J	1 J	1 J
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			<2	<2	95	100	84	120	110
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	1400	45			<1	<1	28	28	27	44	31
CHLOROFORM	UG/L	T			350		<0.8	<0.8	2 J	2 J	2 J	2 J	2 J
CIS-1,2 DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2

Notes:

- 1 - Compliance monitoring well data collected between December 2009 and May 2012.
- 2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.
- 3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 7
Comparison of Compliance Wells to White Lake Mixing Zone Criteria
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte ¹	Units	Total (T)/ Diss. (D)	White Lake Mixing Zone ^{2,3}			Location	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80
			Acute	Chronic	Generic	Date	11/1/10	4/6/11	6/15/11	8/16/11	10/26/11	3/26/12	5/1/12
			Mixing Zone	Mixing Zone	GSI	Top (ft)	0	0	0	0	0	0	0
			Based	Based	Screening	Bottom (ft)	0	0	0	0	0	0	0
			GSI	GSI	Criteria	Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T			89		2 J	3 J	3 J	3 J	3 J	3 J	3 J
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	570	350			190	260	250	250	220	280	320
1,1-DICHLOROETHANE	UG/L	T			740		<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T			12		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	1400	45			^48	^99	^75	^120	^100	^170	^170
CHLOROFORM	UG/L	T			350		2 J	3 J	3 J	3 J	4 J	3 J	3 J
CIS-1,2 DICHLOROETHENE	UG/L	T			620		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T			ID		<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T			47		<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	2900	60			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T			270		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T			470		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T			29		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T			NA		<2	<2	<2	<2	<2	<2	<2

Notes:

1 - Compliance monitoring well data collected between December 2009 and May 2012.

2 - Acute and chronic mixing zone-based criteria provided in MDEQ letter dated February 1, 2011.

3 - Part 201 Generic Cleanup Criteria for Groundwater-to-Surface Water Interface (GSI) (MDEQ No. 3), dated March 2011.

Yellow shading indicates an exceedance of screening criteria

Table 8
Summary of Groundwater Analytical Results - Pierson Creek Landfill
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte	Units	Total (T)/ Diss. (D)	MDEQ No. 3 Non-Res GSI	Location	MW-208-20	MW-208-83	MW-209-67	MW-250-54	MW-250-54	PCL-03-17	PCL-04-17	PCL-05-45
				Date	10/12/10	10/12/10	10/12/10	10/13/10	10/13/10	10/12/10	10/12/10	10/12/10
				Top (ft)	0	0	0	0	0	0	0	0
				Bottom (ft)	0	0	0	0	0	0	0	0
				Duplicate	FS	FS	FS	FS	DUP	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	89		1 J	ND (0.8)	2 J	ND (0.8)	0.8 J	ND (0.8)	ND (0.8)	ND (0.8)
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	32		8 J	ND (2)	ND (2)	^34	32	ND (2)	ND (2)	ND (2)
CHLOROFORM	UG/L	T	350		ND (0.8)	ND (0.8)	ND (0.8)	1 J	1 J	ND (0.8)	ND (0.8)	ND (0.8)
CIS-1,2 DICHLOROETHENE	UG/L	T	620		ND (0.8)	ND (0.8)	ND (0.8)	25	24	ND (0.8)	ND (0.8)	ND (0.8)
TETRACHLOROETHYLENE	UG/L	T	11		6	ND (0.8)	ND (0.8)	^200	^190	ND (0.8)	ND (0.8)	ND (0.8)
TETRAHYDROFURAN	UG/L	T	350		ND (4)	ND (4)	8 J	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)
TRICHLOROETHENE	UG/L	T	29		ND (1)	ND (1)	ND (1)	14	14	ND (1)	ND (1)	ND (1)
BENZO(G,H,I)PERYLENE	UG/L	T	ID			ND (0.01)	ND (0.01)	ND (0.011)	0.014 J	ND (0.01)	ND (0.01)	ND (0.011)
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	T	25			2 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
INDENO (1,2,3-CD) PYRENE	UG/L	T	ID			ND (0.01)	ND (0.01)	ND (0.011)	0.013 J	ND (0.01)	ND (0.01)	ND (0.011)
ANTIMONY	UG/L	T	1.7		ND (0.3)	ND (0.3)	ND (0.3)	1.1	1.2	ND (0.3)	ND (0.3)	ND (0.3)
ARSENIC	UG/L	T	10		5.6	ND (0.95)	ND (0.95)	6	5.3	ND (0.95)	ND (0.95)	ND (0.95)
BARIUM	UG/L	T	1000	G	18.7	17.7	15.8	25.3	23.1	12.3	12	10.2
CHROMIUM	UG/L	T	140	G	ND (3.4)	ND (3.4)	ND (3.4)	ND (3.4)	ND (3.4)	ND (3.4)	3.5 J	3.6 J
COPPER	UG/L	T	18	G	7.2 J	ND (2.7)	ND (2.7)	5.5 J	4.3 J	ND (2.7)	ND (2.7)	ND (2.7)
LEAD	UG/L	T	24	G	0.26 B	0.37 B	0.23 B	0.11 J	0.075 J	0.26 B	0.33 B	0.41 B
NICKEL	UG/L	T	100	G	4.4 J	ND (3)	ND (3)	ND (3)	ND (3)	ND (3)	3.7 J	ND (3)
ZINC	UG/L	T	230	G	13.6 J	ND (8.1)	ND (8.1)	ND (8.1)	ND (8.1)	ND (8.1)	ND (8.1)	ND (8.1)
AMMONIA	UG/L	T	2339			94 J	93 J	540 J	490 J	69 J	60 J	56 J
CHLORIDE	UG/L	T	(FF)		13900	3400	13300	31900	31500	5900	5300	1200 J
FLUORIDE	UG/L	T			ND (400)	ND (400)	ND (400)	2600	3100	ND (400)	ND (400)	ND (400)
SULFATE	UG/L	T	NA		46800	15000	21400	79900	72700	12700	14000	13200
1,1-DICHLORO-1,2,2,2-TETRAFLUOROETHANE (Targeted TIC)	UG/L	T			ND (NS)	ND (NS)	ND (NS)	ND	ND	ND (NS)	ND (NS)	ND (NS)
1,1-DICHLORO-2,2,2-TRIFLUOROETHANE (Targeted TIC)	UG/L	T			5 J	ND (NS)	ND (NS)	ND	ND	ND (NS)	ND (NS)	ND (NS)
CHLORODIFLUOROMETHANE (Targeted TIC)	UG/L	T			ND (NS)	ND (NS)	ND (NS)	ND	ND	ND (NS)	ND (NS)	ND (NS)

Screening Criteria Footnotes:

"ID" means insufficient data to develop criterion.

G - Groundwater surface water interface (GSI) criterion based on site-specific hardness value of 222 mg/kg.

"NA" means a criterion or value is not available or, in the case of background and CAS numbers, not applicable.

FF - Chloride GSI criteria shall not apply for surface waters of the state that are not designated as a public water supply source, however, the total dissolved solids criterion is applicable.

Yellow shading indicates an exceedance of screening criteria

Table 8
Summary of Groundwater Analytical Results - Pierson Creek Landfill
EI CA725
DuPont Montague Works
Montague, Michigan

Analyte	Units	Total (T)/ Diss. (D)	MDEQ No. 3 Non-Res GSI	Location	PCL-05-78	PCL-06-77
				Date	10/12/10	10/13/10
				Top (ft)	0	0
				Bottom (ft)	0	0
				Duplicate	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	89		ND (0.8)	ND (0.8)
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	32		ND (2)	ND (2)
CHLOROFORM	UG/L	T	350		ND (0.8)	ND (0.8)
CIS-1,2 DICHLOROETHENE	UG/L	T	620		ND (0.8)	ND (0.8)
TETRACHLOROETHYLENE	UG/L	T	11		ND (0.8)	ND (0.8)
TETRAHYDROFURAN	UG/L	T	350		ND (4)	ND (4)
TRICHLOROETHENE	UG/L	T	29		ND (1)	ND (1)
BENZO(G,H,I)PERYLENE	UG/L	T	ID		ND (0.01)	ND (0.011)
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	T	25		ND (2)	ND (2)
INDENO (1,2,3-CD) PYRENE	UG/L	T	ID		ND (0.01)	ND (0.011)
ANTIMONY	UG/L	T	1.7		ND (0.3)	ND (0.3)
ARSENIC	UG/L	T	10		ND (0.95)	ND (0.95)
BARIUM	UG/L	T	1000	G	23.7	14.3
CHROMIUM	UG/L	T	140	G	ND (3.4)	ND (3.4)
COPPER	UG/L	T	18	G	ND (2.7)	ND (2.7)
LEAD	UG/L	T	24	G	0.12 B	0.11 J
NICKEL	UG/L	T	100	G	ND (3)	ND (3)
ZINC	UG/L	T	230	G	ND (8.1)	ND (8.1)
AMMONIA	UG/L	T	2339		220 J	73 J
CHLORIDE	UG/L	T	(FF)		2500	5200
FLUORIDE	UG/L	T			ND (400)	ND (400)
SULFATE	UG/L	T	NA		3500 J	22500
1,1-DICHLORO-1,2,2,2-TETRAFLUOROETHANE (Targeted TIC)	UG/L	T			ND (NS)	ND
1,1-DICHLORO-2,2,2-TRIFLUOROETHANE (Targeted TIC)	UG/L	T			ND (NS)	ND
CHLORODIFLUOROMETHANE (Targeted TIC)	UG/L	T			ND (NS)	ND

Screening Criteria Footnotes:

"ID" means insufficient data to develop criterion.

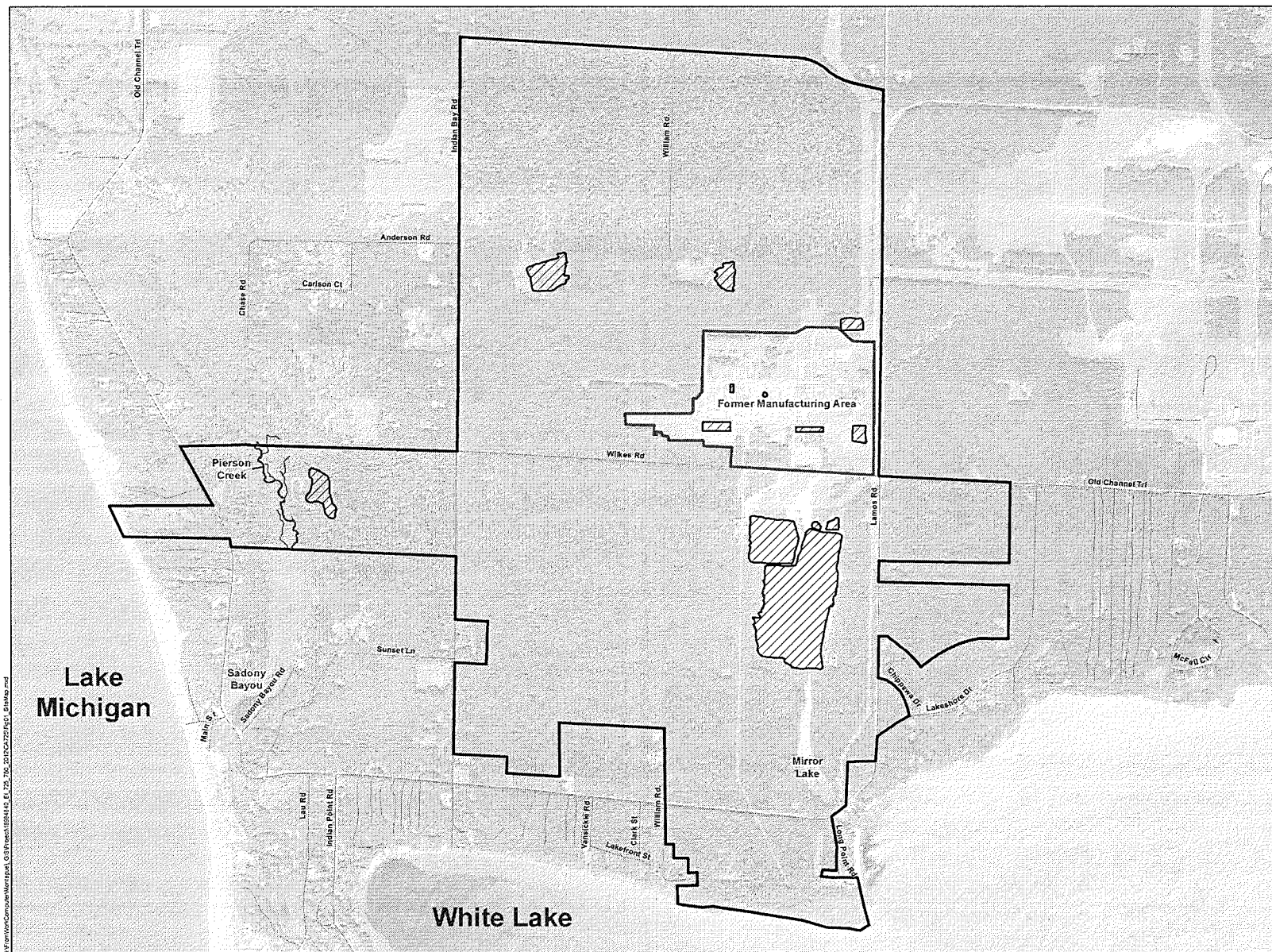
G - Groundwater surface water interface (GSI) criterion based on site-specific hardness value of 222 mg/kg.

"NA" means a criterion or value is not available or, in the case of background and CAS numbers, not applicable.

FF - Chloride GSI criteria shall not apply for surface waters of the state that are not designated as a public water supply source, however, the total dissolved solids criterion is applicable.

Yellow shading indicates an exceedance of screening criteria

FIGURES



Legend

- DuPont Property Line (from DuPont Real Estate)
- Road Centerline
- Pierson Creek - Main
- Pierson Creek - Tributary
- Former Manufacturing Area
- ▨ Waste Management Unit (WMU) or Area of Concern (AOC)

2005 Aerial Credit: Remote Sensing & GIS Research and Outreach Services (RS&GIS), USDA-FSA Aerial Photography Field Office

Area Map



0 600 1,200 2,400
Feet

1 inch = 1,200 feet

MAP FORMATTED FOR "8 1/2" X 11" SIZE SHEET.
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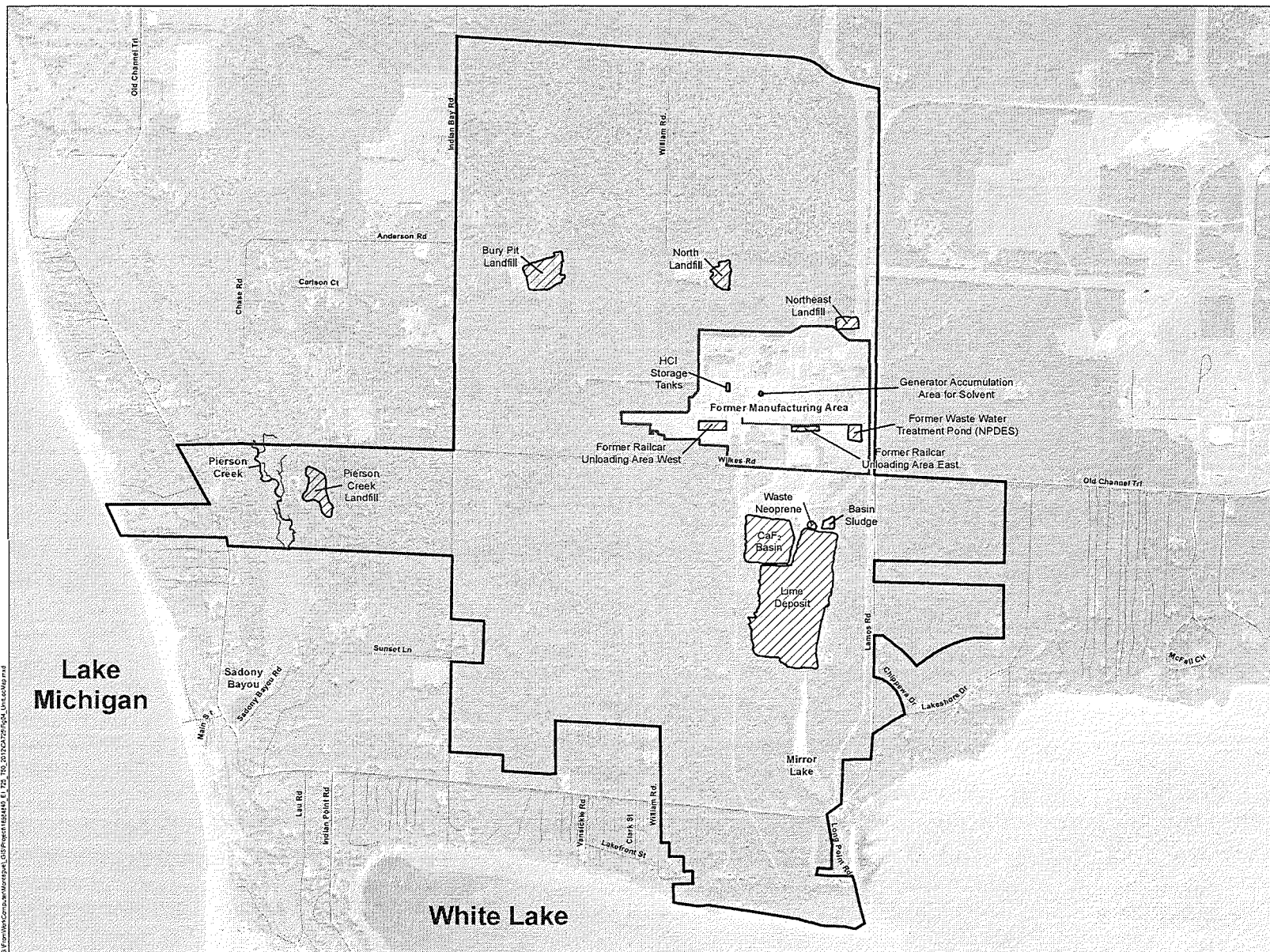
URS

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Iron Hill Corporate Center
4051 Ogletown Road, Suite 300
Newark, DE 19713

SITE MAP

DuPont Montague Facility Montague, Michigan

FILE NUMBER:	PROJECT NUMBER:
	18984840
DESIGNED BY:	DATE:
GEG	08/08/2012
DRAWN BY:	FIGURE NUMBER:
CAA	1
DATA QUALITY CHECK BY:	
GEG	



Legend

- DuPont Property Line (from DuPont Real Estate)
- Road Centerline
- Pierson Creek - Main
- Pierson Creek - Tributary
- Waste Water Ditch
- Former Manufacturing Area
- ▨ Waste Management Unit (WMU) or Area of Concern (AOC)

2005 Aerial Credit: Remote Sensing & GIS Research and Outreach Services (RS&GIS), USDA-FSA Aerial Photography Field Office

Area Map



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Feet

1 inch = 1,200 feet

MAP FORMATTED FOR 11" x 17" SIZE SHEET.
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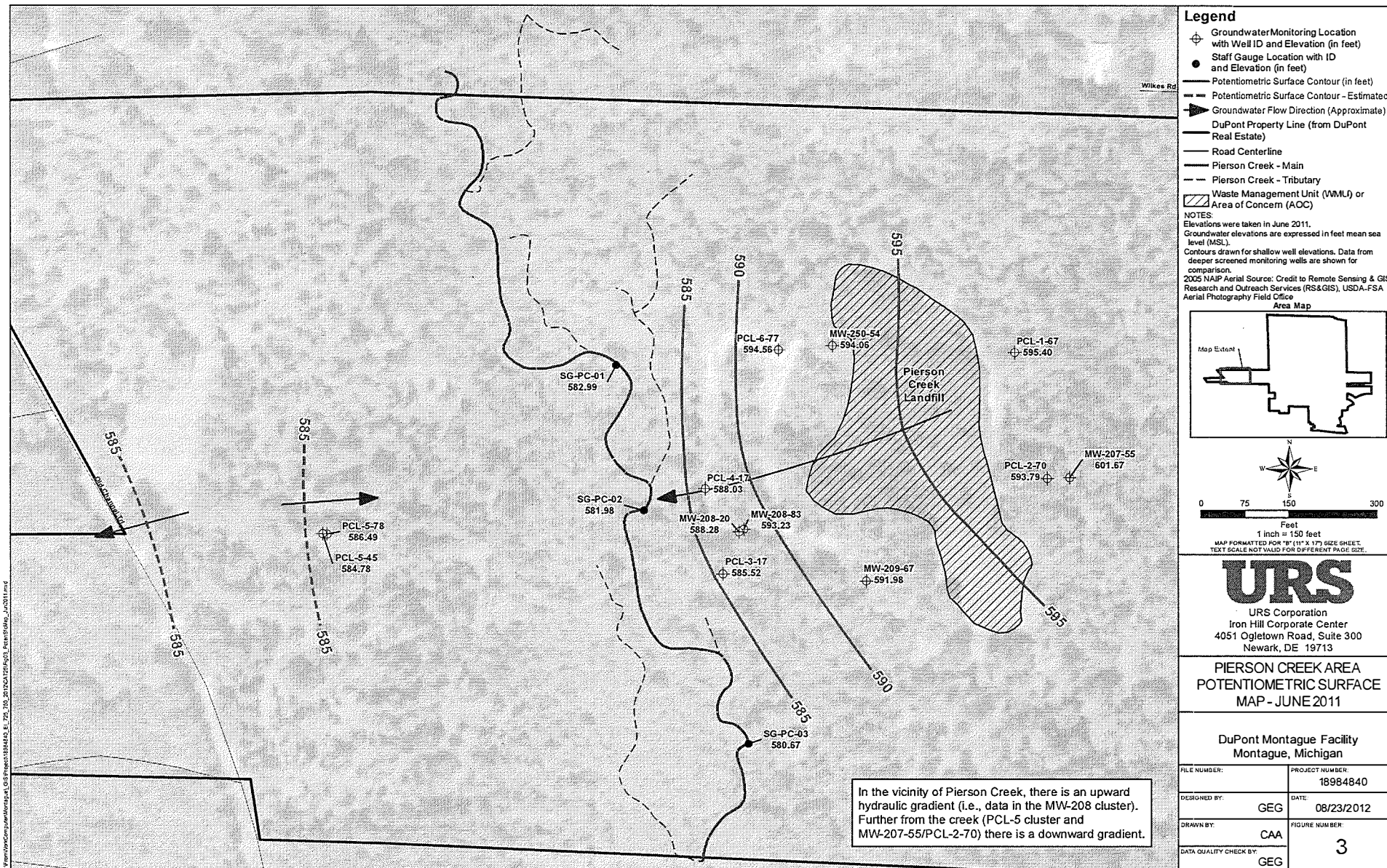
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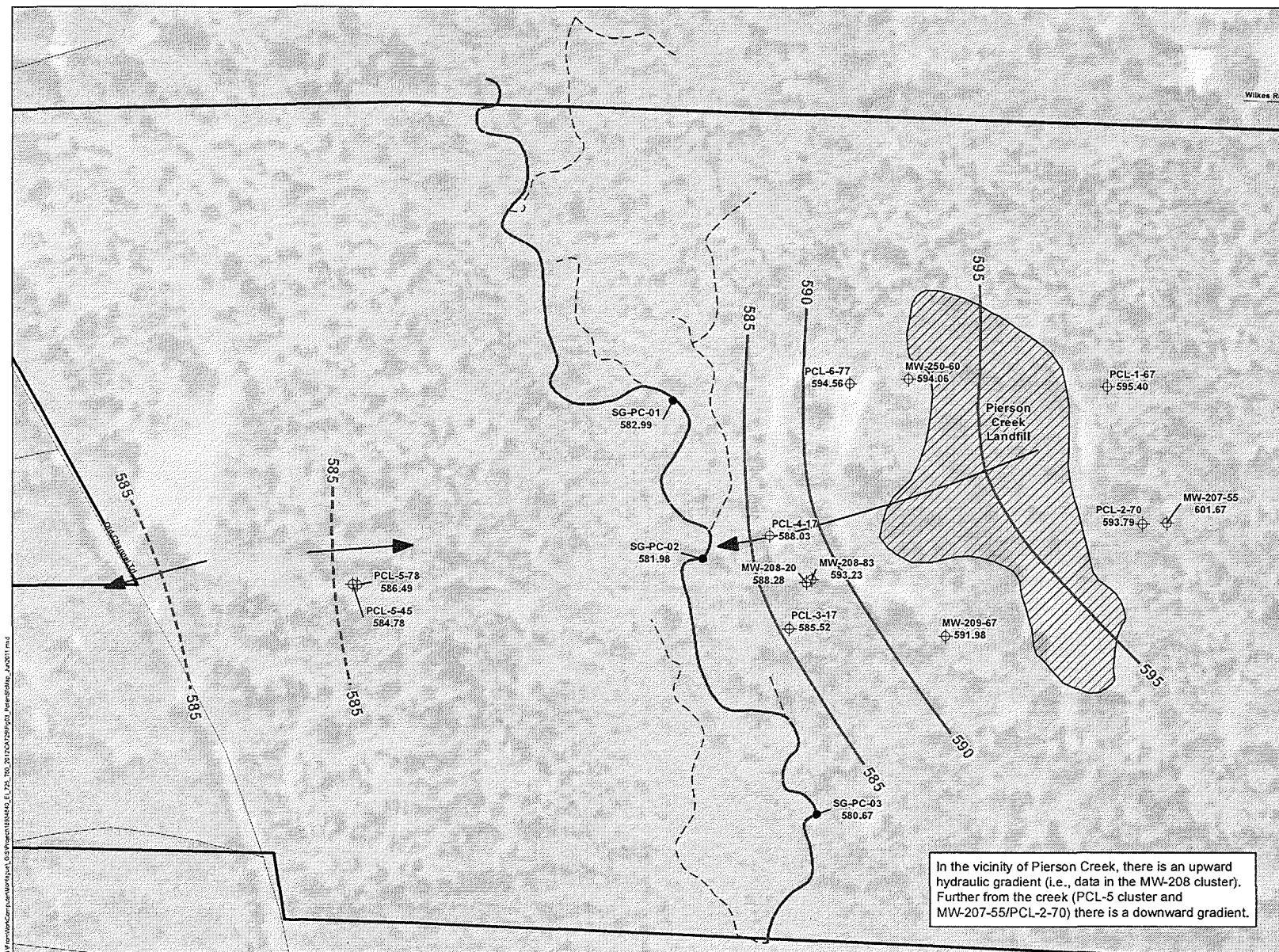
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4051 Ogletown Road, Suite 300
Newark, DE 19713

UNIT LOCATION MAP

DuPont Montague Facility
Montague, Michigan

FILE NUMBER:	PROJECT NUMBER:
	18984840
DESIGNED BY:	DATE:
GEG	08/08/2012
DRAWN BY:	FIGURE NUMBER:
CAA	2
DATA QUALITY CHECK BY:	
GEG	

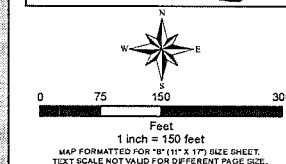
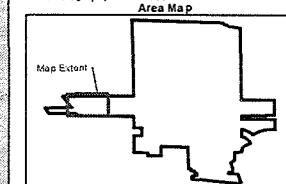




Legend

- Groundwater Monitoring Location with Well ID and Elevation (in feet)
- Staff Gauge Location with ID and Elevation (in feet)
- Potentiometric Surface Contour (in feet)
- Potentiometric Surface Contour - Estimated
- Groundwater Flow Direction (Approximate)
- DuPont Property Line (from DuPont Real Estate)
- Road Centerline
- Pierson Creek - Main
- Pierson Creek - Tributary
- Waste Management Unit (WMU) or Area of Concern (AOC)

NOTES:
Elevations were taken in June 2011.
Groundwater elevations are expressed in feet mean sea level (MSL).
Contours drawn for shallow well elevations. Data from deeper screened monitoring wells are shown for comparison.
2005 NAPP Aerial Source: Credit to Remote Sensing & GIS Research and Outreach Services (RS&GIS), USDA-FSA Aerial Photography Field Office



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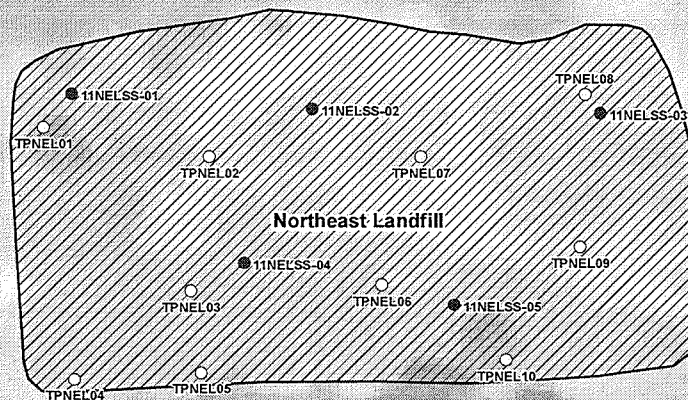
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Newark, DE 19713

PIERSON CREEK AREA POTENTIOMETRIC SURFACE MAP - JUNE 2011

DuPont Montague Facility
Montague, Michigan

FILE NUMBER:	PROJECT NUMBER:
	18984840
DESIGNED BY:	DATE:
GEG	08/08/2012
DRAWN BY:	FIGURE NUMBER:
CAA	4
DATA QUALITY CHECK BY:	
GEG	

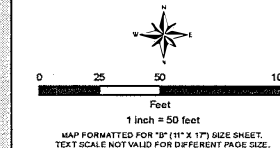
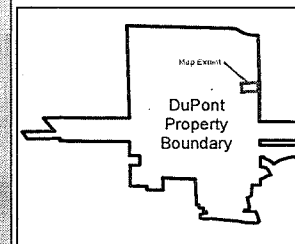
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Legend

- Investigation Sampling Location
- Historic Test Pit (Location Approximate)
- ▨ Waste Management Unit (WMU) or Area of Concern (AOC)

2005 Aerial Credit Remote Sensing & GIS Research and Outreach Services (RS&GIS), USDA-FSA Aerial Photography Field Office

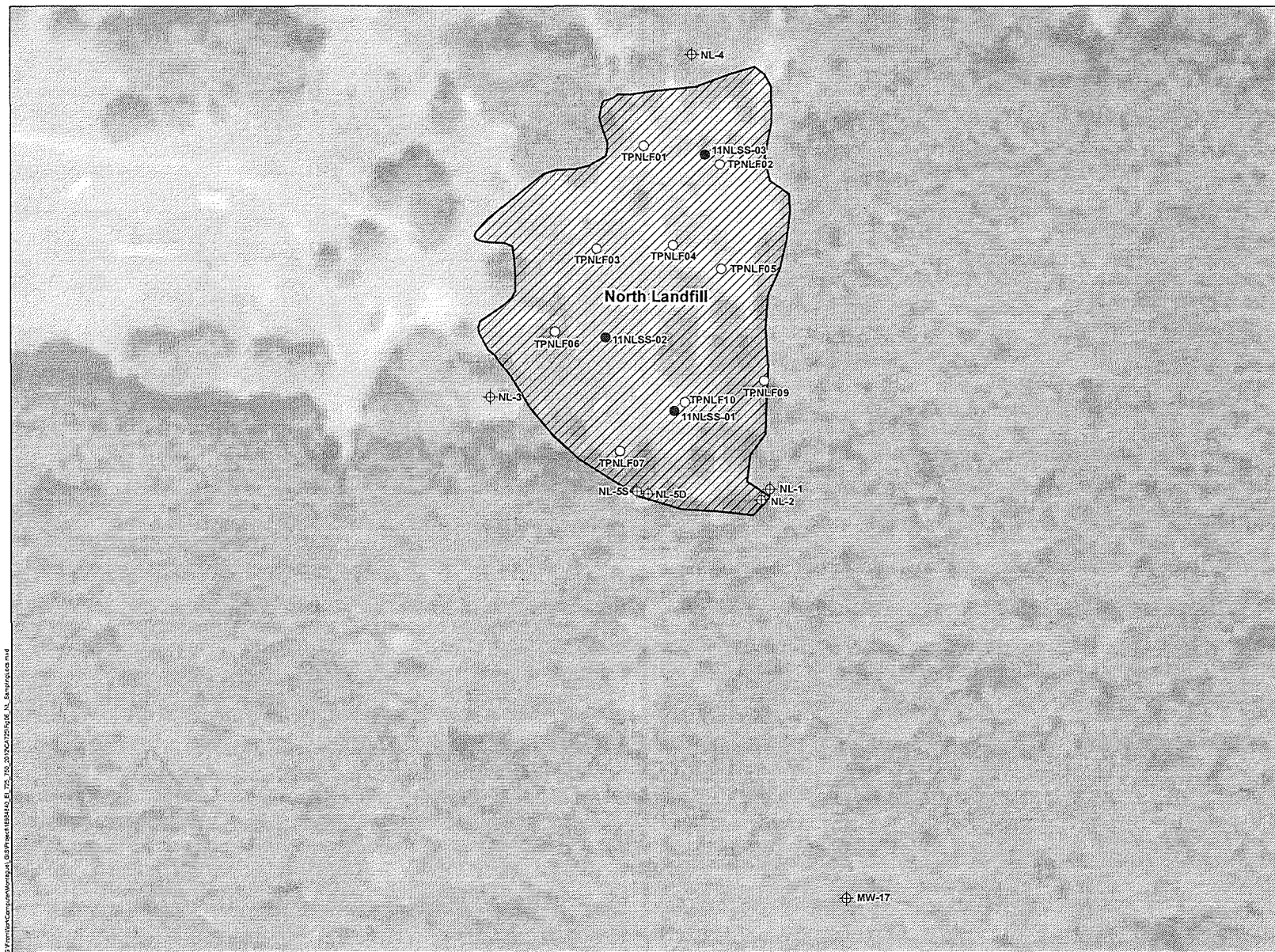


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Newark, DE 19713

NORTHEAST LANDFILL SAMPLING LOCATIONS

DuPont Montague Facility
Montague, Michigan

FILE NUMBER:	PROJECT NUMBER: 18984840
DESIGNED BY: GEG	DATE: 08/08/2012
DRAWN BY: CAA	FIGURE NUMBER: 5
DATA QUALITY CHECK BY: GEG	



Legend

- Investigation Sampling Location
- Historic Test Pit (Location Approximate)
- ⊕ Monitoring Well
- ▨ Waste Management Unit (WMU) or Area of Concern (AOC)

2005 Aerial Credit: Remote Sensing & GIS Research and Outreach Services (RS&GIS), USDA-FSA Aerial Photography Field Office

DuPont Property Boundary

0 40 80 160
Feet

1 inch = 80 feet

MAP FORMATTED FOR 78" (11" X 17") SIZE SHEET.
TEXT SCALE NOT VALID FOR DIFFERENT PAGE SIZE.

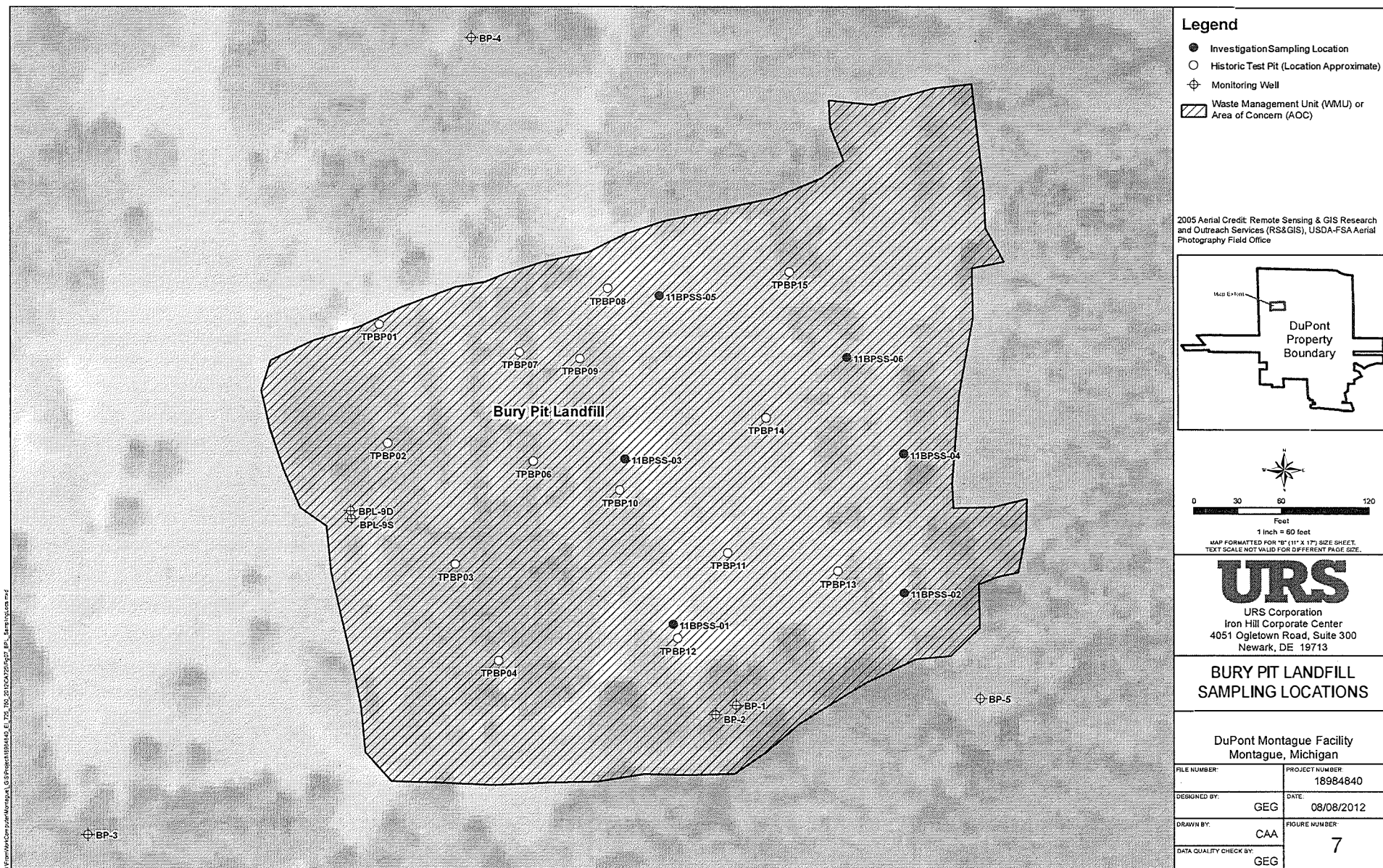
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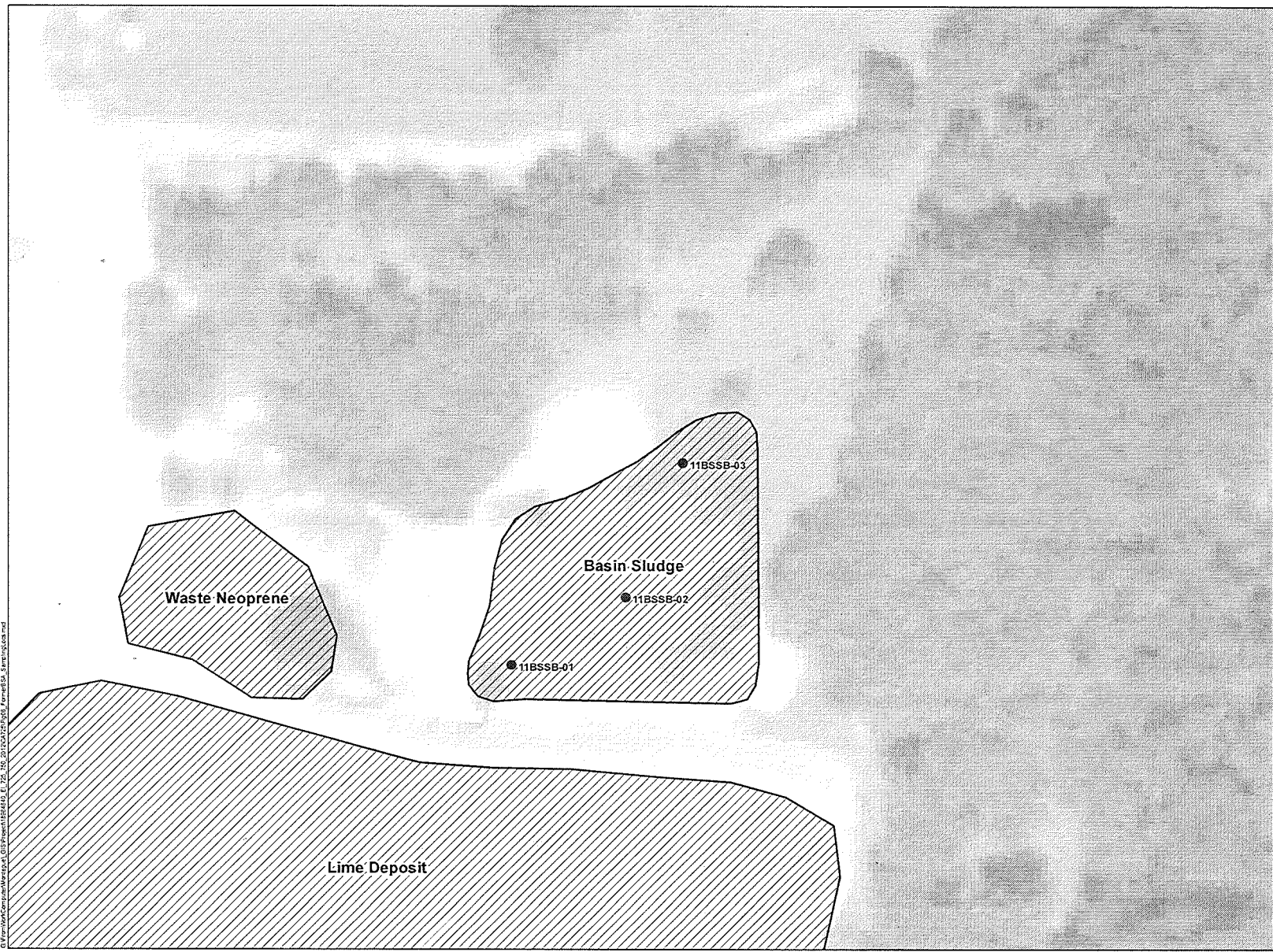
NORTH LANDFILL SAMPLING LOCATIONS

DuPont Montague Facility
Montague, Michigan

FILE NUMBER:	PROJECT NUMBER:
	18984840
DESIGNED BY:	DATE:
GEG	06/08/2012
DRAWN BY:	FIGURE NUMBER:
CAA	6
DATA QUALITY CHECK BY:	
GEG	

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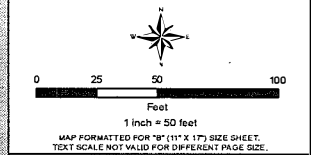
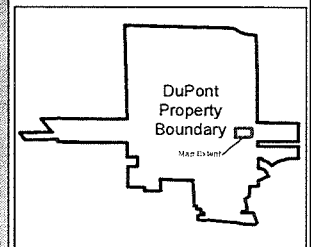




Legend

- Investigation Sampling Location
-  Waste Management Unit (WMU) or Area of Concern (AOC)

2005 Aerial Credit Remote Sensing & GIS Research and Outreach Services (RS&GIS), USDA-FSA Aerial Photography Field Office



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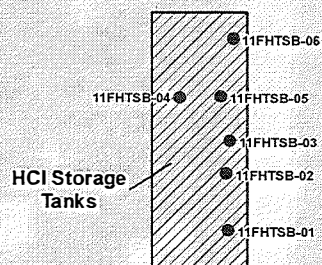
**FORMER BASIN SLUDGE
STORAGE AREA
SAMPLING LOCATIONS**

**DuPont Montague Facility
Montague, Michigan**

FILE NUMBER	PROJECT NUMBER
	18984840
DESIGNED BY:	DATE:
GEG	08/08/2012
DRAWN BY:	FIGURE NUMBER:
CAA	8
DATA QUALITY CHECK BY:	
GEG	

G:\ForView\Comp\duPont\duPont\GIS\Report\18984840_11_729_2012\2012\15_Farwell\01_SampleArea.mxd

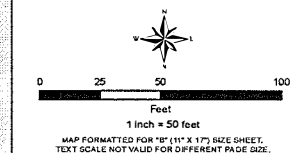
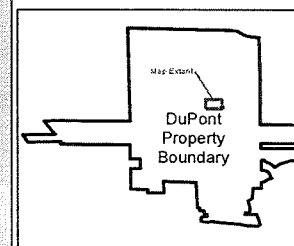
WDW-01



Legend

- Investigation Sampling Location
- ⊕ Former Injection Well
- ▨ Waste Management Unit (WMU) or Area of Concern (AOC)

2005 Aerial Credit: Remote Sensing & GIS Research and Outreach Services (RS&GIS), USDA-FSA Aerial Photography Field Office



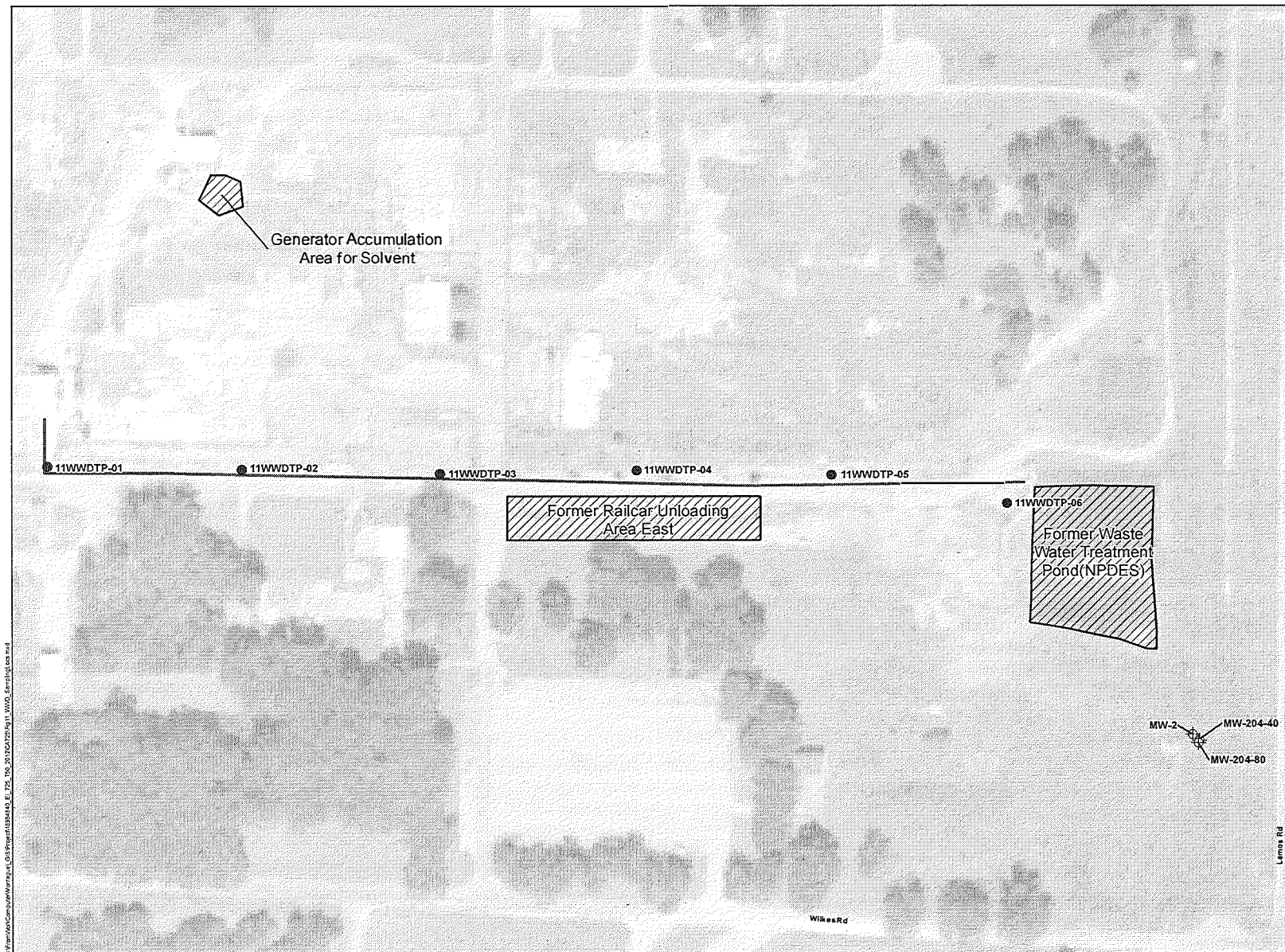
URS

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FORMER HYDROGEN CHLORIDE TANK AREA - HCL BUILDING SAMPLING LOCATIONS

DuPont Montague Facility
Montague, Michigan

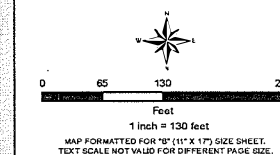
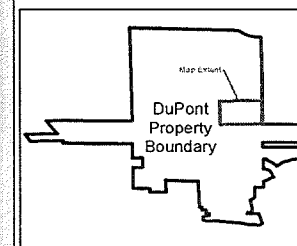
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	18984840
DESIGNED BY:	DATE:
GEG	08/08/2012
DRAWN BY:	FIGURE NUMBER:
CAA	10
DATA QUALITY CHECK BY:	
GEG	



Legend

- Investigation Sampling Location
- ⊕ Monitoring Well
- Waste Water Ditch
- ▨ Waste Management Unit (WMU) or Area of Concern (AOC)

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**FORMER NPDES SURFACE
 IMPOUNDMENT/WASTE WATER
 DITCH SAMPLING LOCATIONS**

**DuPont Montague Facility
 Montague, Michigan**

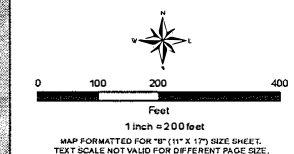
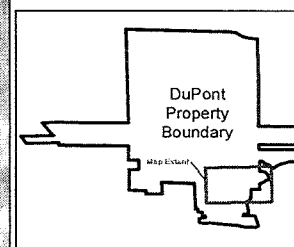
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	18984840
DESIGNED BY:	DATE:
GEG	08/08/2012
DRAWN BY:	FIGURE NUMBER:
CAA	11
DATA QUALITY CHECK BY:	
GEG	



Legend

- Investigation Sampling Location (Approximate)
- Edge of Lime - October, 2010
- Surface Water Feature

2005 Aerial Credit Remote Sensing & GIS Research and Outreach Services (RS&GIS), USDA-FSAAerial Photography Field Office

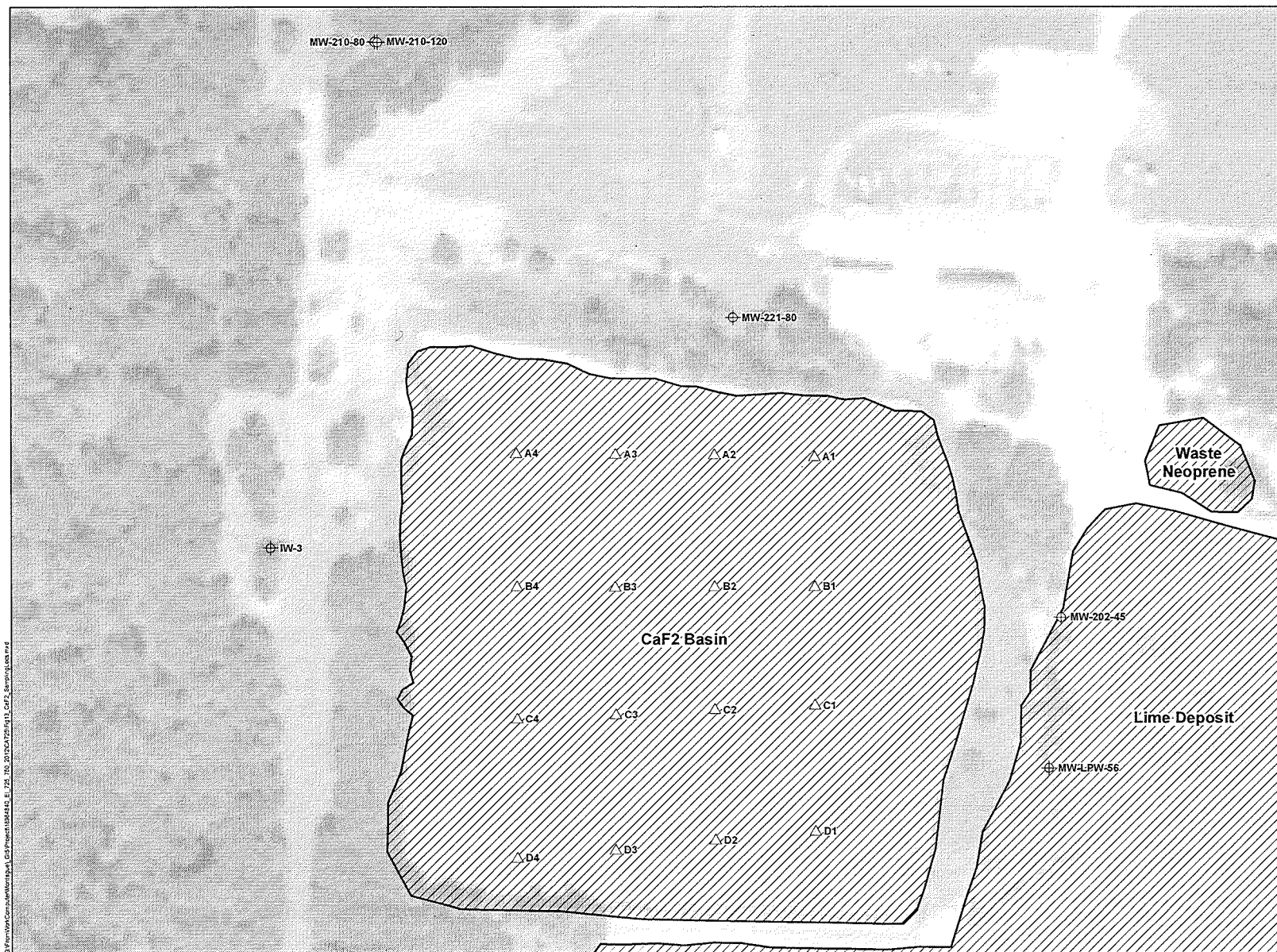


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MIRROR LAKE SAMPLING LOCATION

DuPont Montague Facility
 Montague, Michigan

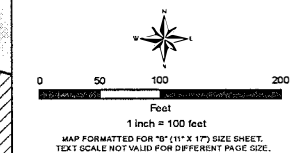
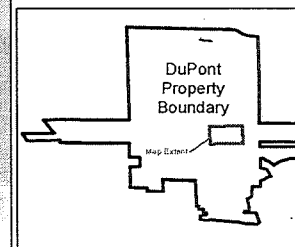
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	18984840
DESIGNED BY:	DATE:
GEG	08/08/2012
DRAWN BY:	FIGURE NUMBER:
CAA	12
DATA QUALITY CHECK BY:	
GEG	



Legend

- △ Historic Soil Boring (Location Approximate)
- ⊕ Monitoring Well Location
- ⊕ Interceptor Well Location (Inactive)
- ▨ Waste Management Unit (WMU) or Area of Concern (AOC)

2005 Aerial Credit Remote Sensing & GIS Research and Outreach Services (RS&GIS), USDA-FSA Aerial Photography Field Office

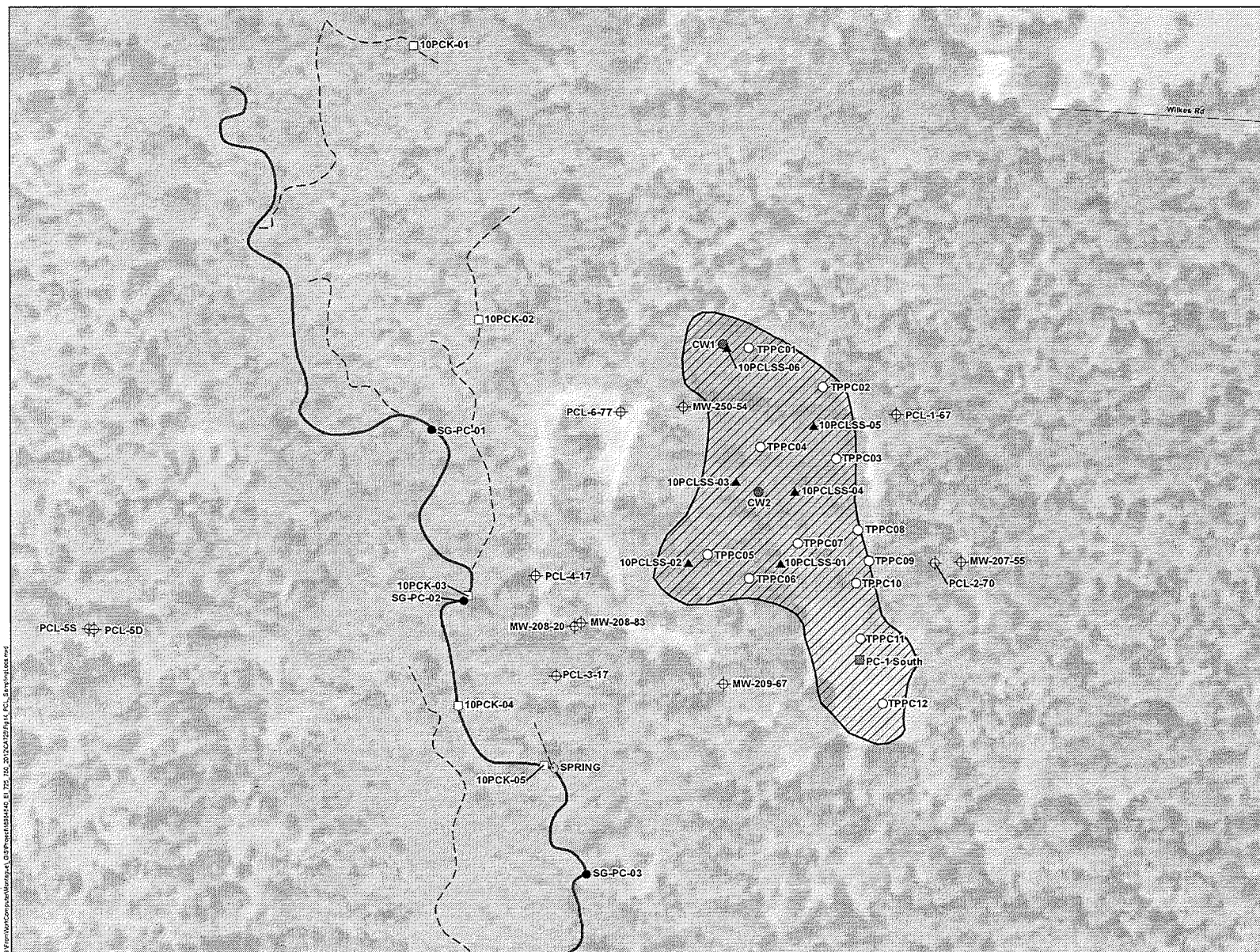


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CALCIUM FLUORIDE BASIN SAMPLING LOCATIONS

DuPont Montague Facility
Montague, Michigan

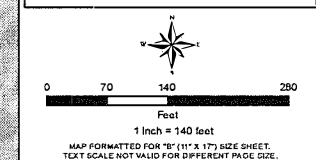
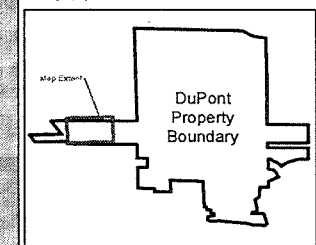
FILE NUMBER:	PROJECT NUMBER:
	18984840
DESIGNED BY:	DATE:
GEG	08/08/2012
DRAWN BY:	FIGURE NUMBER
CAA	13
DATA QUALITY CHECK BY:	
GEG	



Legend

- ⊕ Monitoring Well Location
- ▲ Soil Sample Location
- Staff Gauge Location
- Surface Water/Sediment Sample Location
- ⊕ Spring Location
- Historic Test Pit (Location Approximate)
- Historic Waste Characterization (Location Approximate)
- 1996 Waste Characterization (Location Approximate)
- Pierson Creek - Main
- - Pierson Creek - Tributary
- ▨ Pierson Creek Landfill Boundary

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**PIERSON CREEK LANDFILL
 SAMPLING LOCATIONS**

DuPont Montague Facility Montague, Michigan	
FILE NUMBER:	PROJECT NUMBER
	18984840
DESIGNED BY:	DATE
GEG	08/08/2012
DRAWN BY:	FIGURE NUMBER
CAA	14
DATA QUALITY CHECK BY:	
GEG	

ATTACHMENTS

.

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	LPW-56	MW-02	MW-02	MW-02	MW-02	MW-02	MW-201-125	MW-201-125	MW-201-125	MW-201-125	MW-201-125	MW-204-40
			Non-Res	Date	6/21/11	6/21/11	11/30/11	5/1/12	5/1/12	5/11/10	11/2/10	6/15/11	10/25/11	5/3/12	6/21/11	
			DW	Top (ft)	0	0	0	0	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening	Bottom (ft)	0	0	0	0	0	0	0	0	0	0	0	0
			Criteria	Duplicate	FS	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200			<5	<0.8	<0.8	<0.8	<2	<0.8	<0.8	<0.8	<0.8	<0.8	<5
1,1,2-TRICHLOROETHANE	UG/L	T	5													
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000			<10	<2	<2	<2	1700	1700	990	1000	580	<10	
1,1-DICHLOROETHANE	UG/L	T	2500			<5	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5
1,1-DICHLOROETHENE	UG/L	T	7													
1,2-DICHLOROBENZENE	UG/L	T	600													
1,2-DICHLOROETHANE	UG/L	T	5													
1,2-DICHLOROPROPANE	UG/L	T	5													
1,3-DICHLOROBENZENE	UG/L	T	19													
1,4-DICHLOROBENZENE	UG/L	T	75													
ACETALDEHYDE	UG/L	T	2700													
ACETONE	UG/L	T	2100													
ACRYLONITRILE	UG/L	T	11													
BENZENE	UG/L	T	5			<5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5
CARBON TETRACHLORIDE	UG/L	T	5			<5	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5
CHLOROBENZENE	UG/L	T	100													
CHLOROFORM	UG/L	T	80			<5	<0.8	<0.8	<0.8	<2	<0.8	<0.8	<0.8	<0.8	<0.8	<5
CHLOROPRENE	UG/L	T														
CIS-1,2-DICHLOROETHENE	UG/L	T	70			<5	<0.8	<0.8	<0.8	<2	<0.8	<0.8	<0.8	<0.8	<0.8	<5
CIS-1,3-DICHLOROPROPENE	UG/L	T														
DICHLORODIFLUOROMETHANE	UG/L	T	4800			<5	<2	<2	<2	<4	<2	<2	<2	<2	4	<5
ETHYL CHLORIDE	UG/L	T	1700													
ETHYLBENZENE	UG/L	T	74													
METHYL CHLORIDE	UG/L	T	1100													
METHYL METHACRYLATE	UG/L	T														
METHYLENE CHLORIDE	UG/L	T	5			<5	<2	<2	<2	<4	<2	<2	<2	<2	<2	<5
STYRENE	UG/L	T	100													
TETRACHLOROETHYLENE	UG/L	T	5				<0.8	<0.8	<0.8	^93	^97	^56	^60	^45		
TETRAHYDROFURAN	UG/L	T	270													
TOLUENE	UG/L	T	790				<0.7	<0.7	<0.7	<1	<0.7	<0.7	<0.7	<0.7	<0.7	
TRANS-1,2-DICHLOROETHENE	UG/L	T	100				<0.8	<0.8	<0.8	<2	<0.8	<0.8	<0.8	<0.8	<0.8	
TRANS-1,3-DICHLOROPROPENE	UG/L	T														
TRICHLOROETHENE	UG/L	T	5				<1	<1	<1	^38	^21	^10	^9	^11		
TRICHLOROFLUOROMETHANE	UG/L	T	7300				<2	<2	<2	<4	<2	<2	<2	<2	<2	
VINYL CHLORIDE	UG/L	T	2													
XYLENES	UG/L	T	280													

Criteria = MDEQ_2
 (^ and shaded cells = Concentration above criteria)
 < and ND = Non detect at stated reporting limit
 (NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-204-40	MW-204-40	MW-204-40	MW-204-80	MW-204-80	MW-204-80	MW-206-40	MW-206-40	MW-206-40	MW-206-40
			Non-Res	Date	11/30/11	11/30/11	5/1/12	6/21/11	11/30/11	5/1/12	5/11/10	5/11/10	11/2/10	11/2/10
			DW	Top (ft)	0	0	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<5	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5											
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		4 J	4 J	<2	<10	<2	<2	3 J	3 J	<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<5	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7											
1,2-DICHLOROBENZENE	UG/L	T	600											
1,2-DICHLOROETHANE	UG/L	T	5											
1,2-DICHLOROPROPANE	UG/L	T	5											
1,3-DICHLOROBENZENE	UG/L	T	19											
1,4-DICHLOROBENZENE	UG/L	T	75											
ACETALDEHYDE	UG/L	T	2700											
ACETONE	UG/L	T	2100											
ACRYLONITRILE	UG/L	T	11											
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<5	<1	<1	^35	^30 J	^33	^34
CHLOROBENZENE	UG/L	T	100											
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<5	<0.8	<0.8	6	7	4 J	4 J
CHLOROPRENE	UG/L	T												
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<5	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T												
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<5	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700											
ETHYLBENZENE	UG/L	T	74											
METHYL CHLORIDE	UG/L	T	1100											
METHYLMETHACRYLATE	UG/L	T												
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<5	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100											
TETRACHLOROETHYLENE	UG/L	T	5		^6	5	3 J		<0.8	<0.8	^47	^49	^48	^52 J
TETRAHYDROFURAN	UG/L	T	270											
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8		<0.8	<0.8	0.9 J	1 J	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T												
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1		<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2		<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2											
XYLENES	UG/L	T	280											

Criteria = MDEQ_2
(* and shaded cells= Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-206-40	MW-206-40	MW-206-40	MW-206-40	MW-206-40	MW-206-40	MW-206-80	MW-206-80	MW-206-80	MW-206-80
			Non-Res	Date	6/14/11	6/14/11	10/25/11	10/25/11	5/3/12	5/3/12	5/11/10	11/2/10	6/14/11	10/25/11
			DW	Top (ft)	0	0	0	0	0	0	0	0	0	0
		Total (T)/	Screening	Bottom (ft)	0	0	0	0	0	0	0	0	0	0
		Diss. (D)	Criteria	Duplicate	DUP	FS	DUP	FS	DUP	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5											
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2 UJ	<2	<2	<2	<2	190	270	120	140
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7											
1,2-DICHLOROBENZENE	UG/L	T	600											
1,2-DICHLOROETHANE	UG/L	T	5											
1,2-DICHLOROPROPANE	UG/L	T	5											
1,3-DICHLOROBENZENE	UG/L	T	19											
1,4-DICHLOROBENZENE	UG/L	T	75											
ACETALDEHYDE	UG/L	T	2700											
ACETONE	UG/L	T	2100											
ACRYLONITRILE	UG/L	T	11											
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		^23	^23	^19	^19	^14	^16	^9	^9	^7	^8
CHLOROBENZENE	UG/L	T	100											
CHLOROFORM	UG/L	T	80		4 J	3 J	2 J	2 J	7	8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T												
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T												
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700											
ETHYLBENZENE	UG/L	T	74											
METHYL CHLORIDE	UG/L	T	1100											
METHYL METHACRYLATE	UG/L	T												
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100											
TETRACHLOROETHYLENE	UG/L	T	5		^44	^45 J	^44	^45	^40	^45	^21	^21	^18	^18
TETRAHYDROFURAN	UG/L	T	270											
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		1 J	1 J	<0.8	<0.8	9	9	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T												
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	3 J	3 J	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2											
XYLENES	UG/L	T	280											

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-206-80	MW-208-20	MW-208-20	MW-208-20	MW-208-20	MW-208-20	MW-208-83	MW-209-67	MW-210-120
			Non-Res	Date	5/3/12	5/10/10	10/12/10	6/14/11	10/24/11	4/30/12	10/12/10	10/12/10	5/11/10
			DW	Top (ft)	0	0	0	0	0	0	0	0	0
			Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0	0
				Duplicate	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	1 J	1 J	<0.8	1 J	<0.8	<0.8	2 J	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5				<0.8				<0.8	<0.8	
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		9 J	7 J	8 J	5 J	11	6 J	<2	<2	7 J
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7				<0.8				<0.8	<0.8	
1,2-DICHLOROBENZENE	UG/L	T	600				<1				<1	<1	
1,2-DICHLOROETHANE	UG/L	T	5				<1				<1	<1	
1,2-DICHLOROPROPANE	UG/L	T	5				<1				<1	<1	
1,3-DICHLOROBENZENE	UG/L	T	19				<1				<1	<1	
1,4-DICHLOROBENZENE	UG/L	T	75				<1				<1	<1	
ACETALDEHYDE	UG/L	T	2700								<20	<20	
ACETONE	UG/L	T	2100				<6				<6	<6	
ACRYLONITRILE	UG/L	T	11				<4				<4	<4	
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		5	<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100				<0.8				<0.8	<0.8	
CHLOROFORM	UG/L	T	80		<0.8	0.9 J	<0.8	0.9 J	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T					<1				<1	<1	
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T					<1				<1	<1	
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700				<1				<1	<1	
ETHYLBENZENE	UG/L	T	74				<0.8				<0.8	<0.8	
METHYL CHLORIDE	UG/L	T	1100				<1				<1	<1	
METHYL METHACRYLATE	UG/L	T					<1				<1	<1	
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100				<1				<1	<1	
TETRACHLOROETHYLENE	UG/L	T	5		^14	^9	^6	5	^8	^6	<0.8	<0.8	1 J
TETRAHYDROFURAN	UG/L	T	270				<4				<4	8 J	
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T					<1				<1	<1	
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2				<1				<1	<1	
XYLENES	UG/L	T	280				<0.8				<0.8	<0.8	

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-210-120	MW-210-120	MW-210-120	MW-210-120	MW-210-80	MW-210-80	MW-210-80	MW-210-80	MW-210-80
			Non-Res	Date	11/3/10	6/16/11	10/27/11	5/2/12	5/11/10	11/3/10	6/16/11	10/27/11	5/2/12
			DW	Top (ft)	0	0	0	0	0	0	0	0	0
		Total (T)/	Screening	Bottom (ft)	0	0	0	0	0	0	0	0	0
		Diss. (D)	Criteria	Duplicate	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5										
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		6 J	6 J	6 J	5 J	8 J	7 J	5 J	7 J	4 J
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7										
1,2-DICHLOROBENZENE	UG/L	T	600										
1,2-DICHLOROETHANE	UG/L	T	5										
1,2-DICHLOROPROPANE	UG/L	T	5										
1,3-DICHLOROBENZENE	UG/L	T	19										
1,4-DICHLOROBENZENE	UG/L	T	75										
ACETALDEHYDE	UG/L	T	2700										
ACETONE	UG/L	T	2100										
ACRYLONITRILE	UG/L	T	11										
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	1 J	<1	<1	1 J	<1
CHLOROBENZENE	UG/L	T	100										
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T											
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T											
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2 UJ	<2	<2	<2	<2	<2 UJ	<2	<2
ETHYL CHLORIDE	UG/L	T	1700										
ETHYLBENZENE	UG/L	T	74										
METHYL CHLORIDE	UG/L	T	1100										
METHYLMETHACRYLATE	UG/L	T											
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100										
TETRACHLOROETHYLENE	UG/L	T	5		1 J	1 J	0.9 J	0.9 J	^35	^31	^26	^31	^22
TETRAHYDROFURAN	UG/L	T	270										
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T											
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2										
XYLENES	UG/L	T	280										

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-211-60	MW-211-60	MW-211-60	MW-211-60	MW-211-60	MW-211-80	MW-211-80	MW-211-80	MW-211-80	MW-211-80
			Non-Res	Date	5/10/10	11/3/10	6/16/11	10/27/11	5/2/12	5/10/10	11/3/10	6/16/11	10/27/11	5/2/12
			DW	Top (ft)	0	0	0	0	0	0	0	0	0	0
			Screening	Bottom (ft)	0	0	0	0	0	0	0	0	0	0
			Total (T)/ Diss. (D)	Criteria	Duplicate	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5											
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000			6 J	4 J	2 J	2 J	<2	9 J	11	8 J	7 J
1,1-DICHLOROETHANE	UG/L	T	2500			<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7											
1,2-DICHLOROBENZENE	UG/L	T	600											
1,2-DICHLOROETHANE	UG/L	T	5											
1,2-DICHLOROPROPANE	UG/L	T	5											
1,3-DICHLOROBENZENE	UG/L	T	19											
1,4-DICHLOROBENZENE	UG/L	T	75											
ACETALDEHYDE	UG/L	T	2700											
ACETONE	UG/L	T	2100											
ACRYLONITRILE	UG/L	T	11											
BENZENE	UG/L	T	5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5			^18	^18	^25	^12	^8	1 J	2 J	2 J	<1
CHLOROBENZENE	UG/L	T	100											
CHLOROFORM	UG/L	T	80			4 J	4 J	3 J	1 J	2 J	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T												
CIS-1,2 DICHLOROETHENE	UG/L	T	70			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T												
DICHLORODIFLUOROMETHANE	UG/L	T	4800			<2	<2	<2 UJ	<2	<2	<2	<2 UJ	<2	<2
ETHYL CHLORIDE	UG/L	T	1700											
ETHYLBENZENE	UG/L	T	74											
METHYL CHLORIDE	UG/L	T	1100											
METHYLMETHACRYLATE	UG/L	T												
METHYLENE CHLORIDE	UG/L	T	5			<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100											
TETRACHLOROETHYLENE	UG/L	T	5			^230	^300	^290	^260	^220	^21	^31	^37	^27
TETRAHYDROFURAN	UG/L	T	270											
TOLUENE	UG/L	T	790			<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T												
TRICHLOROETHENE	UG/L	T	5			<1	<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300			<2	<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2											
XYLENES	UG/L	T	280											

Criteria = MDEQ_2
 (^ and shaded cells = Concentration above criteria)
 < and ND = Non detect at stated reporting limit
 (NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-212-120	MW-212-120	MW-212-120	MW-212-120	MW-212-120	MW-214	MW-214	MW-214	MW-214	MW-214
			Non-Res	Date	5/12/10	11/3/10	6/17/11	10/25/11	4/30/12	5/12/10	11/3/10	6/16/11	10/25/11	4/30/12
			DW	Top (ft)	0	0	0	0	0	0	0	0	0	0
			Screening	Bottom (ft)	0	0	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Criteria	Duplicate	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5											
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7											
1,2-DICHLOROBENZENE	UG/L	T	600											
1,2-DICHLOROETHANE	UG/L	T	5											
1,2-DICHLOROPROPANE	UG/L	T	5											
1,3-DICHLOROBENZENE	UG/L	T	19											
1,4-DICHLOROBENZENE	UG/L	T	75											
ACETALDEHYDE	UG/L	T	2700											
ACETONE	UG/L	T	2100											
ACRYLONITRILE	UG/L	T	11											
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100											
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T												
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T												
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700											
ETHYLBENZENE	UG/L	T	74											
METHYL CHLORIDE	UG/L	T	1100											
METHYLMETHACRYLATE	UG/L	T												
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100											
TETRACHLOROETHYLENE	UG/L	T	5		4 J	5	^6	^11	4 J	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270											
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T												
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	3 J	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2											
XYLENES	UG/L	T	280											

Criteria = MDEQ_2
(* and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-224-060	MW-224-060	MW-224-060	MW-224-060	MW-224-060	MW-224-060	MW-224-060	MW-224-060	MW-224-060
			Non-Res	Date	5/11/10	11/2/10	6/14/11	10/25/11	5/3/12	5/11/10	11/2/10	6/14/11	10/25/11
			DW	Top (ft)	0	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	7 J	<0.8	0.9 J	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5										
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<5	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	8 J	3 J	3 J	4 J
1,1-DICHLOROETHENE	UG/L	T	7										
1,2-DICHLOROBENZENE	UG/L	T	600										
1,2-DICHLOROETHANE	UG/L	T	5										
1,2-DICHLOROPROPANE	UG/L	T	5										
1,3-DICHLOROBENZENE	UG/L	T	19										
1,4-DICHLOROBENZENE	UG/L	T	75										
ACETALDEHYDE	UG/L	T	2700										
ACETONE	UG/L	T	2100										
ACRYLONITRILE	UG/L	T	11										
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	10 J	4 J	3 J	4 J
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<3	<1	<1	<1
CHLOROBENZENE	UG/L	T	100										
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<2	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T											
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	3 J	<0.8	1 J	1 J
CIS-1,3-DICHLOROPROPENE	UG/L	T											
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<5	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700										
ETHYLBENZENE	UG/L	T	74										
METHYL CHLORIDE	UG/L	T	1100										
METHYL METHACRYLATE	UG/L	T											
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<5	<2	<2	<2
STYRENE	UG/L	T	100										
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<2	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270										
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	2900	<0.7	270	3 J
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<2	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T											
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<3	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<5	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2										
XYLENES	UG/L	T	280										

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-224-060	MW-225-60	MW-225-60	MW-225-60	MW-225-60	MW-225-60	MW-226-120	MW-226-120	MW-226-120
			Non-Res	Date	5/3/12	5/10/10	11/3/10	6/15/11	10/27/11	5/2/12	5/10/10	11/3/10	6/16/11
			DW	Top (ft)	0	0	0	0	0	0	0	0	0
		Total (T)/	Screening	Bottom (ft)	0	0	0	0	0	0	0	0	0
		Diss. (D)	Criteria	Duplicate	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5										
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2	69	78	73
1,1-DICHLOROETHANE	UG/L	T	2500		4 J	<1	<1	<1	<1	<1	<1	1 J	<1
1,1-DICHLOROETHENE	UG/L	T	7										
1,2-DICHLOROBENZENE	UG/L	T	600										
1,2-DICHLOROETHANE	UG/L	T	5										
1,2-DICHLOROPROPANE	UG/L	T	5										
1,3-DICHLOROBENZENE	UG/L	T	19										
1,4-DICHLOROBENZENE	UG/L	T	75										
ACETALDEHYDE	UG/L	T	2700										
ACETONE	UG/L	T	2100										
ACRYLONITRILE	UG/L	T	11										
BENZENE	UG/L	T	5		2 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100										
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T											
CIS-1,2-DICHLOROETHENE	UG/L	T	70		1 J	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	2 J
CIS-1,3-DICHLOROPROPENE	UG/L	T											
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	2 J	<2	3 J
ETHYL CHLORIDE	UG/L	T	1700										
ETHYLBENZENE	UG/L	T	74										
METHYL CHLORIDE	UG/L	T	1100										
METHYL METHACRYLATE	UG/L	T											
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100										
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	^190	^85	^120
TETRAHYDROFURAN	UG/L	T	270										
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T											
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	2 J	^6
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2										
XYLENES	UG/L	T	280										

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ No. 2		Location	MW-226-120	MW-226-120	MW-228-080	MW-228-080	MW-228-080	MW-228-080	MW-228-080	MW-229-125	MW-229-125
		Non-Res		Date	10/27/11	5/2/12	5/10/10	11/3/10	6/16/11	10/27/11	5/2/12	5/11/10	5/11/10
		DW		Top (ft)	0	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5										
1,1,2-TRICHLORO-TRIFLUOROETHANE	UG/L	T	170000		56	64	<2	<2	<2	<2	<2	32	32
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7										
1,2-DICHLOROBENZENE	UG/L	T	600										
1,2-DICHLOROETHANE	UG/L	T	5										
1,2-DICHLOROPROPANE	UG/L	T	5										
1,3-DICHLOROBENZENE	UG/L	T	19										
1,4-DICHLOROBENZENE	UG/L	T	75										
ACETALDEHYDE	UG/L	T	2700										
ACETONE	UG/L	T	2100										
ACRYLONITRILE	UG/L	T	11										
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100										
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T											
CIS-1,2-DICHLOROETHENE	UG/L	T	70		3 J	1 J	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T											
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	3 J	<2	<2	<2 UJ	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700										
ETHYLBENZENE	UG/L	T	74										
METHYL CHLORIDE	UG/L	T	1100										
METHYL METHACRYLATE	UG/L	T											
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100										
TETRACHLOROETHYLENE	UG/L	T	5		^110	^120	<0.8	<0.8	<0.8	<0.8	<0.8	^510	^500
TETRAHYDROFURAN	UG/L	T	270										
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T											
TRICHLOROETHENE	UG/L	T	5		^10	^7	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2										
XYLENES	UG/L	T	280										

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-229-125	MW-229-125	MW-229-125	MW-229-125	MW-229-125	MW-229-125	MW-229-125	MW-229-125	MW-250-54
			Non-Res	Date	11/3/10	11/3/10	6/16/11	6/16/11	10/27/11	10/27/11	5/2/12	5/2/12	5/10/10
			DW	Top (ft)	0	0	0	0	0	0	0	0	0
			Total (T)/ Diss. (D)	Screening Bottom (ft)	0	0	0	0	0	0	0	0	0
			Criteria	Duplicate	DUP	FS	DUP	FS	DUP	FS	DUP	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5										
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		24	23	6 J	6 J	4 J	4 J	3 J	3 J	23
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7										
1,2-DICHLOROBENZENE	UG/L	T	600										
1,2-DICHLOROETHANE	UG/L	T	5										
1,2-DICHLOROPROPANE	UG/L	T	5										
1,3-DICHLOROBENZENE	UG/L	T	19										
1,4-DICHLOROBENZENE	UG/L	T	75										
ACETALDEHYDE	UG/L	T	2700										
ACETONE	UG/L	T	2100										
ACRYLONITRILE	UG/L	T	11										
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100										
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T											
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	46
CIS-1,3-DICHLOROPROPENE	UG/L	T											
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2 UJ	<2 UJ	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700										
ETHYLBENZENE	UG/L	T	74										
METHYL CHLORIDE	UG/L	T	1100										
METHYL METHACRYLATE	UG/L	T											
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100										
TETRACHLOROETHYLENE	UG/L	T	5		^690	^720	^290	^280	^170	^180	^140	^140	^210
TETRAHYDROFURAN	UG/L	T	270										
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T											
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	^13
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2										
XYLENES	UG/L	T	280										

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-250-54	MW-250-54	MW-250-54	MW-250-54	MW-250-54	MW-250-54	MW-250-54	MW-250-54	MW-251	MW-251	MW-251
			Non-Res	Date	6/14/11	6/14/11	10/24/11	10/24/11	4/30/12	4/30/12	10/13/10	10/13/10	5/12/10	11/3/10	6/16/11
			DW	Top (ft)	0	0	0	0	0	0	0	0	0	0	0
			Screening	Bottom (ft)	0	0	0	0	0	0	0	0	0	0	0
			Total (T)/ Diss. (D)	Criteria	Duplicate	DUP	FS	DUP	FS	DUP	FS	DUP	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200			<0.8	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								<0.8	<0.8			
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		24	26	25	24	42	46	34	32	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								<0.8	<0.8			
1,2-DICHLOROBENZENE	UG/L	T	600								<1	<1			
1,2-DICHLOROETHANE	UG/L	T	5								<1	<1			
1,2-DICHLOROPROPANE	UG/L	T	5								<1	<1			
1,3-DICHLOROBENZENE	UG/L	T	19								<1	<1			
1,4-DICHLOROBENZENE	UG/L	T	75								<1	<1			
ACETALDEHYDE	UG/L	T	2700								<20	<20			
ACETONE	UG/L	T	2100								<6	<6			
ACRYLONITRILE	UG/L	T	11								<4	<4			
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1 J	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								<0.8	<0.8			
CHLOROFORM	UG/L	T	80		<0.8	<0.8	1 J	0.9 J	0.9 J	0.8 J	1 J	1 J	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									<1	<1			
CIS-1,2-DICHLOROETHENE	UG/L	T	70		24	27	21	26 J	7	7	25	24	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									<1	<1			
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2 UJ
ETHYL CHLORIDE	UG/L	T	1700								<1	<1			
ETHYLBENZENE	UG/L	T	74								<0.8	<0.8			
METHYL CHLORIDE	UG/L	T	1100								<1	<1			
METHYLMETHACRYLATE	UG/L	T									<1	<1			
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								<1	<1			
TETRACHLOROETHYLENE	UG/L	T	5		^200	^210	^200	^220	^130	^120	^200	^190	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								<4	<4			
TOLUENE	UG/L	T	790		<0.7	0.7 J	<0.7	<0.7	2 J	2 J	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									<1	<1			
TRICHLOROETHENE	UG/L	T	5		^14	^15	^10	^11	^28	^29	^14	^14	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								<1	<1			
XYLENES	UG/L	T	280								<0.8	<0.8			

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-251	MW-251	MW-301-125	MW-301-125	MW-301-125	MW-301-125	MW-301-125	MW-302-130	MW-302-130
			Non-Res	Date	10/25/11	4/30/12	5/12/10	11/4/10	6/16/11	10/26/11	4/30/12	12/14/09	5/12/10
			DW	Top (ft)	0	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening	Bottom (ft)	0	0	0	0	0	0	0	0	0
			Criteria	Duplicate	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5										
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	2800	2600	2200	1600	2000	53	48
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	2 J	2 J	2 J	1 J	2 J	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7										
1,2-DICHLOROBENZENE	UG/L	T	600										
1,2-DICHLOROETHANE	UG/L	T	5										
1,2-DICHLOROPROPANE	UG/L	T	5										
1,3-DICHLOROBENZENE	UG/L	T	19										
1,4-DICHLOROBENZENE	UG/L	T	75										
ACETALDEHYDE	UG/L	T	2700										
ACETONE	UG/L	T	2100										
ACRYLONITRILE	UG/L	T	11										
BENZENE	UG/L	T	5		0.6 J	0.5 J	2 J	2 J	2 J	2 J	2 J	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100										
CHLOROFORM	UG/L	T	80		<0.8	<0.8	26	26	23	17	18	<0.8	<0.8
CHLOROPRENE	UG/L	T											
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	3 J	3 J	3 J	3 J	3 J	47	7
CIS-1,3-DICHLOROPROPENE	UG/L	T											
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	25	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700										
ETHYLBENZENE	UG/L	T	74										
METHYL CHLORIDE	UG/L	T	1100										
METHYL METHACRYLATE	UG/L	T											
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100										
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	^9	^8	^10	^7	^7	2 J	^8
TETRAHYDROFURAN	UG/L	T	270										
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T											
TRICHLOROETHENE	UG/L	T	5		<1	<1	4 J	4 J	4 J	4 J	4 J	^16	^53
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2										
XYLENES	UG/L	T	280										

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-302-130	MW-302-130	MW-302-130	MW-302-130	MW-303-125	MW-303-125	MW-303-125	MW-303-125	MW-303-125
			Non-Res	Date	11/4/10	6/16/11	10/26/11	4/30/12	12/14/09	5/12/10	11/4/10	6/16/11	10/26/11
			DW	Top (ft)	0	0	0	0	0	0	0	0	0
		Total  / Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200	Duplicate	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,1,2-TRICHLOROETHANE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		190	39	33	28	S J	4 J	7 J	3 J	7 J
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7										
1,2-DICHLOROETHANE	UG/L	T	600										
1,2-DICHLOROETHENE	UG/L	T	5										
1,2-DICHLOROPROPANE	UG/L	T	5										
1,3-DICHLOROETHANE	UG/L	T	19										
1,4-DICHLOROETHANE	UG/L	T	75										
ACETALDEHYDE	UG/L	T	2700										
ACETONE	UG/L	T	2100										
ACRYLONITRILE	UG/L	T	11										
BENZENE	UG/L	T	5		0.7 J	<0.5	0.5 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100										
CHLOROFORM	UG/L	T	80		1 J	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T											
CIS-1,2-DICHLOROETHENE	UG/L	T	70		4 J	3 J	2 J	35	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T											
DICHLORODIFLUOROMETHANE	UG/L	T	4800		3 J	<2	<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700										
ETHYLBENZENE	UG/L	T	74										
METHYL CHLORIDE	UG/L	T	1100										
METHYLMETHACRYLATE	UG/L	T											
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100										
TETRACHLOROETHYLENE	UG/L	T	5		^6	^9	4 J	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270										
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T											
TRICHLOROETHENE	UG/L	T	5		^39	^46	^27	3 J	^20	^25	^23	^15	^16
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2										
XYLENES	UG/L	T	280										

Criteria = MDEQ_2

(^ and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ No. 2											
			Non-Res	Location	MW-303-125	MW-304-123	MW-304-123	MW-304-123	MW-304-123	MW-304-123	MW-305-135	MW-305-135	MW-305-135
			DW	Date	4/30/12	5/12/10	11/4/10	6/16/11	10/25/11	4/30/12	5/12/10	11/4/10	6/16/11
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0 FS	0 FS	0 FS	0 FS	0 FS	0 FS	0 FS	0 FS	0 FS
1,1,1-TRICHLOROETHANE	UG/L	T	200			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5										
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000			2 J	110	29	36	30	23	20	60
1,1-DICHLOROETHANE	UG/L	T	2500			<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7										
1,2-DICHLOROBENZENE	UG/L	T	600										
1,2-DICHLOROETHANE	UG/L	T	5										
1,2-DICHLOROPROPANE	UG/L	T	5										
1,3-DICHLOROBENZENE	UG/L	T	19										
1,4-DICHLOROBENZENE	UG/L	T	75										
ACETALDEHYDE	UG/L	T	2700										
ACETONE	UG/L	T	2100										
ACRYLONITRILE	UG/L	T	11										
BENZENE	UG/L	T	5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5			<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100										
CHLOROFORM	UG/L	T	80			<0.8	2 J	<0.8	1 J	1 J	<0.8	<0.8	1 J
CHLOROPRENE	UG/L	T											
CIS-1,2-DICHLOROETHENE	UG/L	T	70			<0.8	^150	15	29	17	^79	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T											
DICHLORODIFLUOROMETHANE	UG/L	T	4800			<2	<2	<2	<2 UJ	<2	<2	<2	<2 UJ
ETHYL CHLORIDE	UG/L	T	1700										
ETHYLBENZENE	UG/L	T	74										
METHYL CHLORIDE	UG/L	T	1100										
METHYL METHACRYLATE	UG/L	T											
METHYLENE CHLORIDE	UG/L	T	5			<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100										
TETRACHLOROETHYLENE	UG/L	T	5			<0.8	1 J	^100	^74	^79	^8	^200	^550
TETRAHYDROFURAN	UG/L	T	270										
TOLUENE	UG/L	T	790			<0.7	0.8 J	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T											
TRICHLOROETHENE	UG/L	T	5			^8	<1	^10	^9	^11	5	<1	1 J
TRICHLOROFLUOROMETHANE	UG/L	T	7300			<2	6	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2										
XYLENES	UG/L	T	280										

Criteria = MDEQ_2
 (^ and shaded cells = Concentration above criteria)
 < and ND = Non detect at stated reporting limit
 (NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-305-135	MW-305-135	MW-595	MW-595	MW-595	MW-595	MW-595	MW-595	MW-LSD-01-130	MW-LSD-01-130	MW-LSD-01-130
			Non-Res	Date	10/25/11	4/30/12	5/10/10	11/2/10	6/14/11	10/25/11	5/3/12	12/14/09	2/23/10	5/14/10	
			DW	Top (ft)	0	0	0	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5												
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		7 J	4 J	3 J	4 J	6 J	<2	<2	160	160	210	
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7												
1,2-DICHLOROBENZENE	UG/L	T	600												
1,2-DICHLOROETHANE	UG/L	T	5												
1,2-DICHLOROPROPANE	UG/L	T	5												
1,3-DICHLOROBENZENE	UG/L	T	19												
1,4-DICHLOROBENZENE	UG/L	T	75												
ACETALDEHYDE	UG/L	T	2700												
ACETONE	UG/L	T	2100												
ACRYLONITRILE	UG/L	T	11												
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1 J	2 J	2 J	
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100												
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T													
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.9 J	0.9 J	1 J	
CIS-1,3-DICHLOROPROPENE	UG/L	T													
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700												
ETHYLBENZENE	UG/L	T	74												
METHYL CHLORIDE	UG/L	T	1100												
METHYL METHACRYLATE	UG/L	T													
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100												
TETRACHLOROETHYLENE	UG/L	T	5		<270	<210	<0.8	<0.8	<0.8	<0.8	<0.8	<26	<34	<38	
TETRAHYDROFURAN	UG/L	T	270												
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T													
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	5	<7	<8	
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2												
XYLENES	UG/L	T	280												

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-LS0-01-130	MW-LS0-01-130	MW-LS0-01-130	MW-LS0-01-130	MW-LS0-01-130	MW-LS0-01-130	MW-LS0-01-130
			Non-Res	Date	8/6/10	11/2/10	4/7/11	6/15/11	8/17/11	10/24/11	3/28/12
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0
			Duplicate		FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		180	170	190	150	160	170	150
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		2 J	1 J	2 J	1 J	2 J	2 J	1 J
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		0.9 J	0.9 J	<0.8	0.8 J	1 J	0.9 J	0.9 J
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2
ETHYLCHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		^23	^27	^20	^19	^22	^22	^16
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		^8	^8	^8	^7	^8	^7	^7
TRICHLOROFUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQNo. 2	Location	MW-LSD-01-130	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80
			Non-Res	Date	5/1/12	12/14/09	2/23/10	5/14/10	8/6/10	11/2/10	4/7/11	6/15/11
			DW	Top (ft)	0	0	0	0	0	0	0	0
			Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5									
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		140	<2	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500			<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7									
1,2-DICHLOROBENZENE	UG/L	T	600									
1,2-DICHLOROETHANE	UG/L	T	5									
1,2-DICHLOROPROPANE	UG/L	T	5									
1,3-DICHLOROBENZENE	UG/L	T	19									
1,4-DICHLOROBENZENE	UG/L	T	75									
ACETALDEHYDE	UG/L	T	2700									
ACETONE	UG/L	T	2100									
ACRYLONITRILE	UG/L	T	11									
BENZENE	UG/L	T	5		1 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100									
CHLOROFORM	UG/L	T	80			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T										
CIS-1,2-DICHLOROETHENE	UG/L	T	70		0.9 J	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T										
DICHLORODIFLUOROMETHANE	UG/L	T	4800			<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700									
ETHYLBENZENE	UG/L	T	74									
METHYL CHLORIDE	UG/L	T	1100									
METHYL METHACRYLATE	UG/L	T										
METHYLENE CHLORIDE	UG/L	T	5			<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100									
TETRACHLOROETHYLENE	UG/L	T	5		15	5	8	8	6	7	5	5
TETRAHYDROFURAN	UG/L	T	270									
TOLUENE	UG/L	T	790			<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T										
TRICHLOROETHENE	UG/L	T	5		6	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300			<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2									
XYLENES	UG/L	T	280									

Criteria = MDEQ_2
 (* and shaded cells = Concentration above criteria)
 < and ND = Non detect at stated reporting limit
 (NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-01-80	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127
			Non-Res	Date	8/17/11	10/24/11	3/28/12	5/1/12	12/14/09	2/23/10	5/14/10	8/6/10
			DW	Top (ft)	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0	0
			Duplicate		FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5									
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	110	130	120	160
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	1 J	1 J	2 J	2 J
1,1-DICHLOROETHENE	UG/L	T	7									
1,2-DICHLOROBENZENE	UG/L	T	600									
1,2-DICHLOROETHANE	UG/L	T	5									
1,2-DICHLOROPROPANE	UG/L	T	5									
1,3-DICHLOROBENZENE	UG/L	T	19									
1,4-DICHLOROBENZENE	UG/L	T	75									
ACETALDEHYDE	UG/L	T	2700									
ACETONE	UG/L	T	2100									
ACRYLONITRILE	UG/L	T	11									
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	1 J	1 J	1 J	2 J
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100									
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	0.9 J	0.9 J	1 J
CHLOROPRENE	UG/L	T										
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	1 J	1 J	1 J	2 J
CIS-1,3-DICHLOROPROPENE	UG/L	T										
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	3 J	<2	3 J	4 J
ETHYL CHLORIDE	UG/L	T	1700									
ETHYLBENZENE	UG/L	T	74									
METHYL CHLORIDE	UG/L	T	1100									
METHYL METHACRYLATE	UG/L	T										
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100									
TETRACHLOROETHYLENE	UG/L	T	5		^6	^6	4 J	4 J	4 J	5	5	4 J
TETRAHYDROFURAN	UG/L	T	270									
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	0.8 B	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T										
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	5	5	5	5
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2									
XYLENES	UG/L	T	280									

Criteria = MDEQ_2
 (* and shaded cells = Concentration above criteria)
 < and ND = Non detect at stated reporting limit
 (NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127	MW-LSD-02-127
			Non-Res	Date	11/2/10	4/7/11	6/15/11	8/17/11	10/24/11	3/28/12	5/1/12
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0 FS	0 FS	0 FS	0 FS	0 FS	0 FS	0 FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		200	260	190	220	300	290	250
1,1-DICHLOROETHANE	UG/L	T	2500		2 J	2 J	2 J	2 J	2 J	2 J	2 J
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		1 J	1 J	1 J	2 J	2 J	1 J	2 J
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		1 J	1 J	1 J	2 J	2 J	1 J	1 J
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		0.9 J	2 J	1 J	2 J	2 J	2 J	1 J
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	5	5	4 J	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYLMETHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		5	4 J	3 J	5	4 J	4 J	4 J
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		5	^6	5	^7	^6	^6	5
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2

(* and shaded cells= Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80
			Non-Res	Date	12/14/09	2/23/10	5/14/10	8/6/10	11/2/10	4/7/11	6/15/11	8/17/11
			DW	Top (ft)	0	0	0	0	0	0	0	0
			Total (T)/	Screening	Bottom (ft)	0	0	0	0	0	0	0
			Diss. (D)	Criteria	Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5									
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000			<2	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500			<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7									
1,2-DICHLOROBENZENE	UG/L	T	600									
1,2-DICHLOROETHANE	UG/L	T	5									
1,2-DICHLOROPROPANE	UG/L	T	5									
1,3-DICHLOROBENZENE	UG/L	T	19									
1,4-DICHLOROBENZENE	UG/L	T	75									
ACETALDEHYDE	UG/L	T	2700									
ACETONE	UG/L	T	2100									
ACRYLONITRILE	UG/L	T	11									
BENZENE	UG/L	T	5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5			<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100									
CHLOROFORM	UG/L	T	80			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T										
CIS-1,2-DICHLOROETHENE	UG/L	T	70			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T										
DICHLORODIFLUOROMETHANE	UG/L	T	4800			<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700									
ETHYLBENZENE	UG/L	T	74									
METHYL CHLORIDE	UG/L	T	1100									
METHYL METHACRYLATE	UG/L	T										
METHYLENE CHLORIDE	UG/L	T	5			<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100									
TETRACHLOROETHYLENE	UG/L	T	5			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270									
TOLUENE	UG/L	T	790			<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T										
TRICHLOROETHENE	UG/L	T	5			<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300			<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2									
XYLENES	UG/L	T	280									

Criteria = MDEQ 2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ No. 2		Location	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-02-80	MW-LSD-03-124	MW-LSD-03-124	MW-LSD-03-124	MW-LSD-03-124
		Non-Res		Date	10/24/11	3/28/12	5/1/12	12/14/09	2/23/10	5/14/10	8/6/10
		DW		Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200	Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,2-TRICHLOROETHANE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	21	16	17	18
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	0.8J	0.6J	0.8J	0.6J
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYLMETHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	1J	1J	1J	1J
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-LSD-03-124	MW-LSD-03-124	MW-LSD-03-124	MW-LSD-03-124	MW-LSD-03-124	MW-LSD-03-124	MW-LSD-03-124
			Non-Res	Date	11/2/10	4/7/11	6/15/11	8/17/11	10/24/11	3/28/12	5/1/12
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0
				Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		12	14	10	16	16	10	10
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	0.5J	<0.5	0.5J	0.6J	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	1J	<1	1J	1J	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
(* and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQNo. 2	Location	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80
			Non-Res	Date	12/14/09	2/23/10	5/14/10	8/6/10	11/2/10	4/7/11	6/15/11	8/17/11
			DW	Top (ft)	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5									
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7									
1,2-DICHLOROBENZENE	UG/L	T	600									
1,2-DICHLOROETHANE	UG/L	T	5									
1,2-DICHLOROPROPANE	UG/L	T	5									
1,3-DICHLOROBENZENE	UG/L	T	19									
1,4-DICHLOROBENZENE	UG/L	T	75									
ACETALDEHYDE	UG/L	T	2700									
ACETONE	UG/L	T	2100									
ACRYLONITRILE	UG/L	T	11									
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100									
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T										
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T										
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700									
ETHYLBENZENE	UG/L	T	74									
METHYL CHLORIDE	UG/L	T	1100									
METHYL METHACRYLATE	UG/L	T										
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100									
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270									
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T										
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2									
XYLENES	UG/L	T	280									

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-LSD-03-80	MW-LSD-03-80	MW-LSD-03-80	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-145
			Non-Res	Date	10/24/11	3/28/12	5/1/12	12/15/09	2/24/10	5/14/10	8/5/10
			DW	Top (ft)	0	0	0	0	0	0	0
			Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0
				Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYLMETHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
(* and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-02-145	MW-WLP-02-145
			Non-Res	Date	11/1/10	4/6/11
			DW	Top (ft)	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0 FS	0 FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5			
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1
1,1-DICHLOROETHENE	UG/L	T	7			
1,2-DICHLOROBENZENE	UG/L	T	600			
1,2-DICHLOROETHANE	UG/L	T	5			
1,2-DICHLOROPROPANE	UG/L	T	5			
1,3-DICHLOROBENZENE	UG/L	T	19			
1,4-DICHLOROBENZENE	UG/L	T	75			
ACETALDEHYDE	UG/L	T	2700			
ACETONE	UG/L	T	2100			
ACRYLONITRILE	UG/L	T	11			
BENZENE	UG/L	T	5		<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1
CHLOROBENZENE	UG/L	T	100			
CHLOROFORM	UG/L	T	80		<0.8	<0.8
CHLOROPRENE	UG/L	T				
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T				
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2
ETHYL CHLORIDE	UG/L	T	1700			
ETHYLBENZENE	UG/L	T	74			
METHYL CHLORIDE	UG/L	T	1100			
METHYL METHACRYLATE	UG/L	T				
METHYLENE CHLORIDE	UG/L	T	5		<2	<2
STYRENE	UG/L	T	100			
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270			
TOLUENE	UG/L	T	790		<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T				
TRICHLOROETHENE	UG/L	T	5		<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2
VINYL CHLORIDE	UG/L	T	2			
XYLENES	UG/L	T	280			

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-145	MW-WLP-02-85	MW-WLP-02-85
			Non-Res	Date	6/17/11	8/16/11	10/26/11	3/26/12	5/1/12	12/15/09	2/24/10
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	3 J	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		4 J	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and N D = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-02-85
			Non-Res	Date	5/14/10	8/5/10	11/1/10	4/6/11	6/17/11	8/16/11	10/26/11
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		3 J	<2	2 J	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2 UJ	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQNo. 2	Location	MW-WLP-02-85	MW-WLP-02-85	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120
			Non-Res	Date	3/26/12	5/1/12	12/15/09	2/24/10	5/14/10	8/5/10	11/1/10
			DW	Top (ft)	0	0	0	0	0	0	0
			Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000			<2	<2	<2	11	7 J	5 J
1,1-DICHLOROETHANE	UG/L	T	2500			<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5			<1	<1	<1	2 J	<1	<1
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80			<0.8	<0.8	<0.8	<0.8	<0.8	1 J
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800			<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5			<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790			<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100			<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5			<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300			<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
(* and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120	MW-WLP-03-120
			Non-Res	Date	4/6/11	6/15/11	6/15/11	8/16/11	10/26/11	3/26/12	5/1/12
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8		<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		3 J	<2		<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1		<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5		<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1		<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		<0.8	<0.8		<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8		<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2		<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2		<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8		<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7		<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8		<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1		<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2		<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80
			Non-Res	Date	12/15/09	12/15/09	2/24/10	5/14/10	8/5/10	11/1/10	4/6/11
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		1 J	1 J	1 J	1 J	1 J	2 J	3 J
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		95	100	84	120	110	190	260
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		^28	^28	^27	^44	^31	^48	^99
CHLOROETHENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		2 J	2 J	2 J	2 J	2 J	2 J	3 J
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750

DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-03-80	MW-WLP-04-105	MW-WLP-04-105
			Non-Res	Date	6/15/11	8/16/11	10/26/11	3/26/12	5/1/12	12/15/09	2/24/10
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200	Duplicate	FS	FS	FS	FS	FS	FS	FS
1,1,2-TRICHLOROETHANE	UG/L	T	5		3 J	3 J	3 J	3 J	3 J	5	2 J
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		250	250	220	280	320	230	110
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		^75	^120	^100	^170	^170	^35	^17
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		3 J	3 J	4 J	3 J	3 J	9	4 J
CHLOROPRENE	UG/L	T									
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYLMETHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	1 J
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2

(^ and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-04-105	MW-WLP-04-105	MW-WLP-04-105	MW-WLP-04-105	MW-WLP-04-105	MW-WLP-04-105	MW-WLP-04-105
			Non-Res	Date	5/14/10	8/5/10	11/1/10	4/6/11	6/15/11	8/16/11	10/26/11
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		3 J	2 J	2 J	<0.8	<0.8	1 J	1 J
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		190	140	160	53	32	34	36
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		^38	^24	^44	^12	^6	5	3 J
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		5	4 J	3 J	2 J	2 J	1 J	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		0.9 J	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-04-105	MW-WLP-04-105	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70
			Non-Res	Date	3/26/12	5/1/12	12/15/09	2/24/10	2/24/10	5/14/10	5/14/10
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	4 J	4 J	4 J	3 J	3 J
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		24	35	490	440	430	410	390
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		3 J	5	^190	^180	^180	^190	^190
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		<0.8	<0.8	6	3 J	3 J	2 J	2 J
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYLMETHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	^930	^1000	^960	^890	^850
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	2 J	2 J	2 J	2 J	1 J
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ No. 2		Location	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70
		Non-Res	Date		8/5/10	8/5/10	11/1/10	11/1/10	4/6/11	4/6/11	6/15/11
		DW	Top (ft)		0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		2 J	2 J	3 J	3 J	2 J	1 J	1 J
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		290	270	410	400	220	250	190
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		^120	^120	^150	^160	^120	^110	^76
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		1 J	1 J	1 J	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	9 J	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		^610	^580	^590	^620	^470	^440	^380
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	1 J	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
 (* and shaded cells = Concentration above criteria)
 < and ND = Non detect at stated reporting limit
 (NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-04-70
			Non-Res	Date	6/15/11	8/16/11	8/16/11	10/26/11	10/26/11	3/26/12	3/26/12
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		FS	DUP	FS	DUP	FS	DUP	FS
1,1,2-TRICHLOROETHANE	UG/L	T	5		1 J	0.9 J	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		200	180	170	98	96	96	94
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		^79	^75	^73	^36	^36	^34	^33
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		^390	^430	^440	^300	^300	^250	^240
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-04-70	MW-WLP-04-70	MW-WLP-05-100	MW-WLP-05-100	MW-WLP-05-100	MW-WLP-05-100	MW-WLP-05-100
			Non-Res	Date	5/1/12	5/1/12	12/15/09	2/24/10	5/14/10	8/5/10	11/1/10
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0
			Duplicate		DUP	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		110	110	11	6 J	20	18	23
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								
1,2-DICHLOROBENZENE	UG/L	T	600								
1,2-DICHLOROETHANE	UG/L	T	5								
1,2-DICHLOROPROPANE	UG/L	T	5								
1,3-DICHLOROBENZENE	UG/L	T	19								
1,4-DICHLOROBENZENE	UG/L	T	75								
ACETALDEHYDE	UG/L	T	2700								
ACETONE	UG/L	T	2100								
ACRYLONITRILE	UG/L	T	11								
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		^38	^38	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								
ETHYLBENZENE	UG/L	T	74								
METHYL CHLORIDE	UG/L	T	1100								
METHYL METHACRYLATE	UG/L	T									
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								
TETRACHLOROETHYLENE	UG/L	T	5		^250	^240	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								
XYLENES	UG/L	T	280								

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	MW-WLP-05-100	MW-WLP-05-100	MW-WLP-05-100	MW-WLP-05-100	MW-WLP-05-100	MW-WLP-05-100	PCL-03-17
			Non-Res	Date	4/6/11	6/17/11	8/16/11	10/26/11	3/26/12	5/1/12	10/12/10
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROETHANE	UG/L	T	5								<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		41	58	52	8 J	59	100	<2
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1
1,1-DICHLOROETHENE	UG/L	T	7								<0.8
1,2-DICHLOROBENZENE	UG/L	T	600								<1
1,2-DICHLOROETHANE	UG/L	T	5								<1
1,2-DICHLOROPROPANE	UG/L	T	5								<1
1,3-DICHLOROBENZENE	UG/L	T	19								<1
1,4-DICHLOROBENZENE	UG/L	T	75								<1
ACETALDEHYDE	UG/L	T	2700								<20
ACETONE	UG/L	T	2100								<6
ACRYLONITRILE	UG/L	T	11								<4
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
CHLOROBENZENE	UG/L	T	100								<0.8
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CHLOROPRENE	UG/L	T									<1
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T									<1
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2 UJ	<2	<2	<2	<2	<2
ETHYL CHLORIDE	UG/L	T	1700								<1
ETHYLBENZENE	UG/L	T	74								<0.8
METHYL CHLORIDE	UG/L	T	1100								<1
METHYL METHACRYLATE	UG/L	T									<1
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
STYRENE	UG/L	T	100								<1
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TETRAHYDROFURAN	UG/L	T	270								<4
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T									<1
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2
VINYL CHLORIDE	UG/L	T	2								<1
XYLENES	UG/L	T	280								<0.8

Criteria = MDEQ_2
(^ and shaded cells= Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	WLP-1-125	WLP-1-125	WLP-1-125	WLP-1-125	WLP-1-125	WLP-1-125
			Non-Res	Date	5/11/10	11/2/10	6/14/11	6/14/11	10/25/11	5/3/12
			DW	Top (ft)	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		4 J	3 J	3 J		<4	3 J
1,1,2-TRICHLOROETHANE	UG/L	T	5							
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		720	390	490		720	490
1,1-DICHLOROETHANE	UG/L	T	2500		<3	<2	<2		<5	<1
1,1-DICHLOROETHENE	UG/L	T	7							
1,2-DICHLOROBENZENE	UG/L	T	600							
1,2-DICHLOROETHANE	UG/L	T	5							
1,2-DICHLOROPROPANE	UG/L	T	5							
1,3-DICHLOROBENZENE	UG/L	T	19							
1,4-DICHLOROBENZENE	UG/L	T	75							
ACETALDEHYDE	UG/L	T	2700							
ACETONE	UG/L	T	2100							
ACRYLONITRILE	UG/L	T	11							
BENZENE	UG/L	T	5		<1	<1	<1		<3	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		^93	^59	^81		^90	^77
CHLOROBENZENE	UG/L	T	100							
CHLOROFORM	UG/L	T	80		<2	<2	2 J		<4	2 J
CHLOROPRENE	UG/L	T								
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<2	<2	<2		<4	<0.8
CIS-1,3-DICHLOROPROPENE	UG/L	T								
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<5	<4	<4		<10	50
ETHYL CHLORIDE	UG/L	T	1700							
ETHYLBENZENE	UG/L	T	74							
METHYL CHLORIDE	UG/L	T	1100							
METHYL METHACRYLATE	UG/L	T								
METHYLENE CHLORIDE	UG/L	T	5		<5	<4	<4		^<10	<2
STYRENE	UG/L	T	100							
TETRACHLOROETHYLENE	UG/L	T	5		^3500	^2200	^2700		^3200	^2800
TETRAHYDROFURAN	UG/L	T	270							
TOLUENE	UG/L	T	790		<2	<1	<1		<4	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<2	<2	<2		<4	<0.8
TRANS-1,3-DICHLOROPROPENE	UG/L	T								
TRICHLOROETHENE	UG/L	T	5		<3	<2	2 J		<5	2 J
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<5	<4	<4		<10	<2
VINYL CHLORIDE	UG/L	T	2							
XYLENES	UG/L	T	280							

Criteria = MDEQ_2
 (* and shaded cells= Concentration above criteria)
 < and ND = Non detect at stated reporting limit
 (NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	PCL-04-17	PCL-05-45	PCL-05-78	PCL-06-077	PCL-06-77	PCL-06-77	PCL-06-77	PCL-06-77	WLP-1-125
			Non-Res	Date	10/12/10	10/12/10	10/12/10	4/30/12	10/13/10	5/10/10	6/14/11	10/24/11	12/15/09
			DW	Top (ft)	0	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0	0	0
				Duplicate	FS	FS	FS	FS	FS	FS	FS	FS	
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<4
1,1,2-TRICHLOROETHANE	UG/L	T	5		<0.8	<0.8	<0.8		<0.8				
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2	<2	<2	480
1,1-DICHLOROETHANE	UG/L	T	2500		<1	<1	<1	<1	<1	<1	<1	<1	<5
1,1-DICHLOROETHENE	UG/L	T	7		<0.8	<0.8	<0.8		<0.8				
1,2-DICHLOROBENZENE	UG/L	T	600		<1	<1	<1		<1				
1,2-DICHLOROETHANE	UG/L	T	5		<1	<1	<1		<1				
1,2-DICHLOROPROPANE	UG/L	T	5		<1	<1	<1		<1				
1,3-DICHLOROBENZENE	UG/L	T	19		<1	<1	<1		<1				
1,4-DICHLOROBENZENE	UG/L	T	75		<1	<1	<1		<1				
ACETALDEHYDE	UG/L	T	2700		<20	<20	<20		<20				
ACETONE	UG/L	T	2100		<6	<6	<6		<6				
ACRYLONITRILE	UG/L	T	11		<4	<4	<4		<4				
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	^67
CHLOROBENZENE	UG/L	T	100		<0.8	<0.8	<0.8		<0.8				
CHLOROFORM	UG/L	T	80		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<4
CHLOROPRENE	UG/L	T			<1	<1	<1		<1				
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<4
CIS-1,3-DICHLOROPROPENE	UG/L	T			<1	<1	<1		<1				
DICHLORODIFLUOROMETHANE	UG/L	T	4800		<2	<2	<2	<2	<2	<2	<2	<2	<10
ETHYL CHLORIDE	UG/L	T	1700		<1	<1	<1		<1				
ETHYLBENZENE	UG/L	T	74		<0.8	<0.8	<0.8		<0.8				
METHYL CHLORIDE	UG/L	T	1100		<1	<1	<1		<1				
METHYL METHACRYLATE	UG/L	T			<1	<1	<1		<1				
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	^<10
STYRENE	UG/L	T	100		<1	<1	<1		<1				
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	^2200
TETRAHYDROFURAN	UG/L	T	270		<4	<4	<4		<4				
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<4
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<4
TRANS-1,3-DICHLOROPROPENE	UG/L	T			<1	<1	<1		<1				
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<5
TRICHLOROFLUOROMETHANE	UG/L	T	7300		<2	<2	<2	<2	<2	<2	<2	<2	<10
VINYL CHLORIDE	UG/L	T	2		<1	<1	<1		<1				
XYLENES	UG/L	T	280		<0.8	<0.8	<0.8		<0.8				

Criteria = MDEQ_2

(* and shaded cells= Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ No. 2		Location	LPW-56	MW-208-20	MW-208-83	MW-209-67	MW-250-54	MW-250-54
		Non-Res	Date		6/21/11	10/12/10	10/12/10	10/12/10	10/13/10	10/13/10
		DW	Top (ft)		0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0
1,2,4-TRICHLOROBENZENE	UG/L	T	70			<1	<1	<1	<1	<1
2,4-DICHLOROPHENOL	UG/L	T	210				<1	<1	<1	<1
2,4-DIMETHYLPHENOL	UG/L	T	1000				<3	<3	<3	<3
2,4-DINITROPHENOL	UG/L	T					<10	<11	<10	<11
2,4-DINITROTOLUENE	UG/L	T	32				<1	<1	<1	<1
2,6-DINITROTOLUENE	UG/L	T					<1	<1	<1	<1
2-CHLOROPHENOL	UG/L	T	130				<1	<1	<1	<1
2-METHYLNAPHTHALENE	UG/L	T	750				<1	<1	<1	<1
2-METHYLPHENOL (O-CRESOL)	UG/L	T					<1	<1	<1	<1
2-NITROPHENOL	UG/L	T	58				<1	<1	<1	<1
4,6-DINITRO-2-METHYLPHENOL	UG/L	T	7.3				<5	<5	<5	<5
4-CHLORO-3-METHYLPHENOL	UG/L	T	420				<1	<1	<1	<1
4-METHYLPHENOL (P-CRESOL)	UG/L	T					<2	<2	<2	<2
4-NITROPHENOL	UG/L	T					<10	<11	<10	<11
ACENAPHTHENE	UG/L	T	3800				<1	<1	<1	<1
ACENAPHTHYLENE	UG/L	T	150				<1	<1	<1	<1
ACETOPHENONE	UG/L	T	4400				<2	<2	<2	<2
ANTHRACENE	UG/L	T	43				<1	<1	<1	<1
BENZO(A)ANTHRACENE	UG/L	T	8.5				<0.01	<0.01	<0.011	<0.011
BENZO(B)FLUORANTHENE	UG/L	T	1.5				<0.01	<0.01	<0.011	<0.011
BENZO(G,H,I)PERYLENE	UG/L	T	0.26				<0.01	<0.01	<0.011	0.014J
BENZO(K)FLUORANTHENE	UG/L	T	0.8				<0.01	<0.01	<0.011	<0.011
BENZO(A)PYRENE	UG/L	T	5				<0.01	<0.01	<0.011	<0.011
BENZYLALCOHOL	UG/L	T	29000				<5	<5	<5	<5
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	T	6				2J	<2	<2	<2
CHRYSENE	UG/L	T	1.6				<0.01	<0.01	<0.011	<0.011
DIBENZOFURAN	UG/L	T	10				<1	<1	<1	<1
DIETHYL PHTHALATE	UG/L	T	16000				<2	<2	<2	<2
DIMETHYL PHTHALATE	UG/L	T	210000				<2	<2	<2	<2
DI-N-BUTYL PHTHALATE	UG/L	T	2500				<2	<2	<2	<2
FLUORANTHENE	UG/L	T	210				<0.01	<0.01	<0.011	<0.011
FLUORENE	UG/L	T	2000				<1	<1	<1	<1
HEXACHLOROBENZENE	UG/L	T	1				<0.01	<0.01	<0.011	<0.011
HEXACHLOROBUTADIENE	UG/L	T	42				<1	<1	<1	<1
HEXACHLOROETHANE	UG/L	T	21				<1	<1	<1	<1
INDENO (1,2,3-CD) PYRENE	UG/L	T	0.022				<0.01	<0.01	<0.011	0.013J
NAPHTHALENE	UG/L	T	1500				<1	<1	<1	<1
IN-DIOCTYL PHTHALATE	UG/L	T	380				<2	<2	<2	<2
NITROBENZENE	UG/L	T	9.6				<1	<1	<1	<1
N-NITROSODIETHYLAMINE	UG/L	T					<2	<2	<2	<2
N-NITROSODIMETHYLAMINE	UG/L	T					<2	<2	<2	<2
N-NITROSODIPHENYLAMINE	UG/L	T	1100				<2	<2	<2	<2
PHENANTHRENE	UG/L	T	150				<1	<1	<1	<1
PHENOL	UG/L	T	13000				<1	<1	<1	<1

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	LPW-56	MW-208-20	MW-208-83	MW-209-67	MW-250-54	MW-250-54
			Non-Res	Date	6/21/11	10/12/10	10/12/10	10/12/10	10/13/10	10/13/10
			DW	Top (ft)	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0
			140	Duplicate	FS	FS	FS	FS	FS	DUP
PYRENE	UG/L	T					<1	<1	<1	<1
1,2,3,4,7,8-HXCDF	UG/L	T					<0.000053	<0.00005	<0.000053	<0.000051
1,2,3,6,7,8-HXCDF	UG/L	T					<0.000053	<0.00005	<0.000053	<0.000051
1,2,3,7,8,9-HXCDF	UG/L	T					<0.000053	<0.00005	<0.000053	<0.000051
2,3,4,6,7,8-HXCDF	UG/L	T					<0.000053 EMPC J	<0.00005	<0.000053 EMPC J	<0.000051
ANTIMONY	UG/L	T	6			<0.3	<0.3	<0.3	1.1	1.2
ARSENIC	UG/L	T	10			5.6	<0.95	<0.95	6	5.3
BARIUM	UG/L	T	2000			18.7	17.7	15.8	25.3	23.1
BERYLLIUM	UG/L	T	4			<1.4	<1.4	<1.4	<1.4	<1.4
CADMIUM	UG/L	T	5			<2	<2	<2	<2	<2
CHROMIUM	UG/L	T	100			<3.4	<3.4	<3.4	<3.4	<3.4
COBALT	UG/L	T	100			<2.3	<2.3	<2.3	<2.3	<2.3
COPPER	UG/L	T	1000			7.2 J	<2.7	<2.7	5.5 J	4.3 J
LEAD	UG/L	T	4			0.26 B	0.37 B	0.23 B	0.11 J	0.075 J
MERCURY	UG/L	T	2			<0.046	<0.046	<0.046	<0.046	<0.046
NICKEL	UG/L	T	100			4.4 J	<3	<3	<3	<3
SELENIUM	UG/L	T	50			<8.9	<8.9	<8.9	<8.9	<8.9
SILVER	UG/L	T	98			<2.3	<2.3	<2.3	<2.3	<2.3
THALLIUM	UG/L	T	2			<0.15	<0.15	<0.15	<0.15	<0.15
TIN	UG/L	T				<9.8	<9.8	<9.8	<9.8	<9.8
VANADIUM	UG/L	T	62			<2.5	<2.5	<2.5	<2.5	<2.5
ZINC	UG/L	T	5000			13.6 J	<8.1	<8.1	<8.1	<8.1
AMMONIA	UG/L	T	10000				94 J	93 J	540 J	490 J
CHLORIDE	UG/L	T	250000		27000	13900	3400	13300	31900	31500
CYANIDE	UG/L	T	200				<5	<5	<5	<5
FLUORIDE	UG/L	T			<500	<400	<400	<400	2600	3100
SULFATE	UG/L	T	250000		20000	46800	15000	21400	79900	72700
SULFIDE	UG/L	T				<530	<530	<530	<530	<530
1,1-DICHLORO-1,2,2,2-TETRAFLUOROETHANE (Targeted TIC)	UG/L	T				<NS	<NS	<NS	ND	ND
1,1-DICHLORO-2,2,2-TRIFLUOROETHANE (Targeted TIC)	UG/L	T				S J	<NS	<NS	ND	ND
CHLORODIFLUOROMETHANE (Targeted TIC)	UG/L	T				<NS	<NS	<NS	ND	ND

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	PCL-03-17	PCL-04-17	PCL-05-45	PCL-05-78	PCL-06-077	PCL-06-77
			Non-Res	Date	10/12/10	10/12/10	10/12/10	10/12/10	4/30/12	10/13/10
			DW	Top (ft)	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0
1,2,4-TRICHLOROBENZENE	UG/L	T	70		<1	<1	<1	<1		<1
2,4-DICHLOROPHENOL	UG/L	T	210		<1	<1	<1	<1		<1
2,4-DIMETHYLPHENOL	UG/L	T	1000		<3	<3	<3	<3		<3
2,4-DINITROPHENOL	UG/L	T			<10	<10	<11	<10		<10
2,4-DINITROTOLUENE	UG/L	T	32		<1	<1	<1	<1		<1
2,6-DINITROTOLUENE	UG/L	T			<1	<1	<1	<1		<1
2-CHLOROPHENOL	UG/L	T	130		<1	<1	<1	<1		<1
2-METHYLNAPHTHALENE	UG/L	T	750		<1	<1	<1	<1		<1
2-METHYLPHENOL (O-CRESOL)	UG/L	T			<1	<1	<1	<1		<1
2-NITROPHENOL	UG/L	T	58		<1	<1	<1	<1		<1
4,6-DINITRO-2-METHYLPHENOL	UG/L	T	7.3		<5	<5	<5	<5		<5
4-CHLORO-3-METHYLPHENOL	UG/L	T	420		<1	<1	<1	<1		<1
4-METHYLPHENOL (P-CRESOL)	UG/L	T			<2	<2	<2	<2		<2
4-NITROPHENOL	UG/L	T			<10	<10	<11	<10		<10
ACENAPHTHENE	UG/L	T	3800		<1	<1	<1	<1		<1
ACENAPHTHYLENE	UG/L	T	150		<1	<1	<1	<1		<1
ACETOPHENONE	UG/L	T	4400		<2	<2	<2	<2		<2
ANTHRACENE	UG/L	T	43		<1	<1	<1	<1		<1
BENZO(A)ANTHRACENE	UG/L	T	8.5		<0.01	<0.01	<0.011	<0.01		<0.011
BENZO(B)FLUORANTHENE	UG/L	T	1.5		<0.01	<0.01	<0.011	<0.01		<0.011
BENZO(G,H,I)PERYLENE	UG/L	T	0.26		<0.01	<0.01	<0.011	<0.01		<0.011
BENZO(K)FLUORANTHENE	UG/L	T	0.8		<0.01	<0.01	<0.011	<0.01		<0.011
BENZO(A)PYRENE	UG/L	T	5		<0.01	<0.01	<0.011	<0.01		<0.011
BENZYLALCOHOL	UG/L	T	29000		<5	<5	<5	<5		<5
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	T	6		<2	<2	<2	<2		<2
CHRYSENE	UG/L	T	1.6		<0.01	<0.01	<0.011	<0.01		<0.011
DIBENZOFURAN	UG/L	T	10		<1	<1	<1	<1		<1
DIETHYL PHTHALATE	UG/L	T	16000		<2	<2	<2	<2		<2
DIMETHYL PHTHALATE	UG/L	T	210000		<2	<2	<2	<2		<2
DI-N-BUTYL PHTHALATE	UG/L	T	2500		<2	<2	<2	<2		<2
FLUORANTHENE	UG/L	T	210		<0.01	<0.01	<0.011	<0.01		<0.011
FLUORENE	UG/L	T	2000		<1	<1	<1	<1		<1
HEXACHLOROBENZENE	UG/L	T	1		<0.01	<0.01	<0.011	<0.01		<0.011
HEXACHLOROBUTADIENE	UG/L	T	42		<1	<1	<1	<1		<1
HEXACHLOROETHANE	UG/L	T	21		<1	<1	<1	<1		<1
INDENO (1,2,3-CD) PYRENE	UG/L	T	0.022		<0.01	<0.01	<0.011	<0.01		<0.011
NAPHTHALENE	UG/L	T	1500		<1	<1	<1	<1		<1
N-DIOCTYL PHTHALATE	UG/L	T	380		<2	<2	<2	<2		<2
NITROBENZENE	UG/L	T	9.6		<1	<1	<1	<1		<1
N-NITROSODIETHYLAMINE	UG/L	T			<2	<2	<2	<2		<2
N-NITROSODIMETHYLAMINE	UG/L	T			<2	<2	<2	<2		<2
N-NITROSODIPHENYLAMINE	UG/L	T	1100		<2	<2	<2	<2		<2
PHENANTHRENE	UG/L	T	150		<1	<1	<1	<1		<1
PHENOL	UG/L	T	13000		<1	<1	<1	<1		<1

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix A
Summary of Groundwater Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 2	Location	PCL-03-17	PCL-04-17	PCL-05-45	PCL-05-78	PCL-06-077	PCL-06-77
			Non-Res	Date	10/12/10	10/12/10	10/12/10	10/12/10	4/30/12	10/13/10
			DW	Top (ft)	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0 FS	0 FS	0 FS	0 FS	0 FS	0 FS
PYRENE	UG/L	T	140		<1	<1	<1	<1		<1
1,2,3,4,7,8-HXCDF	UG/L	T			<0.000048	<0.000048	<0.000053 J	<0.000048		<0.000053 J
1,2,3,6,7,8-HXCDF	UG/L	T			<0.000048	<0.000048 EMPC J	<0.000053	<0.000048		<0.000053 EMPC J
1,2,3,7,8,9-HXCDF	UG/L	T			<0.000048 EMPC J	<0.000048 EMPC J	<0.000053 J	<0.000048		<0.000053
2,3,4,6,7,8-HXCDF	UG/L	T			<0.000048 EMPC J	<0.000048	<0.000053 EMPC J	<0.000048		<0.000053
ANTIMONY	UG/L	T	6		<0.3	<0.3	<0.3	<0.3		<0.3
ARSENIC	UG/L	T	10		<0.95	<0.95	<0.95	<0.95		<0.95
BARIUM	UG/L	T	2000		12.3	12	10.2	23.7		14.3
BERYLLIUM	UG/L	T	4		<1.4	<1.4	<1.4	<1.4		<1.4
CADMIUM	UG/L	T	5		<2	<2	<2	<2		<2
CHROMIUM	UG/L	T	100		<3.4	3.5 J	3.6 J	<3.4		<3.4
COBALT	UG/L	T	100		<2.3	<2.3	<2.3	<2.3		<2.3
COPPER	UG/L	T	1000		<2.7	<2.7	<2.7	<2.7		<2.7
LEAD	UG/L	T	4		0.26 B	0.33 B	0.41 B	0.12 B		0.11 J
MERCURY	UG/L	T	2		<0.046	<0.046	<0.046	<0.046		<0.046
NICKEL	UG/L	T	100		<3	3.7 J	<3	<3		<3
SELENIUM	UG/L	T	50		<8.9	<8.9	<8.9	<8.9		<8.9
SILVER	UG/L	T	98		<2.3	<2.3	<2.3	<2.3		<2.3
THALLIUM	UG/L	T	2		<0.15	<0.15	<0.15	<0.15		<0.15
TIN	UG/L	T			<9.8	<9.8	<9.8	<9.8		<9.8
VANADIUM	UG/L	T	62		<2.5	<2.5	<2.5	<2.5		<2.5
ZINC	UG/L	T	5000		<8.1	<8.1	<8.1	<8.1		<8.1
AMMONIA	UG/L	T	10000		69 J	60 J	56 J	220 J		73 J
CHLORIDE	UG/L	T	250000		5900	5300	1200 J	2500		5200
CYANIDE	UG/L	T	200		<5	<5	<5	<5		<5
FLUORIDE	UG/L	T			<400	<400	<400	<400		<400
SULFATE	UG/L	T	250000		12700	14000	13200	3500 J		22500
SULFIDE	UG/L	T			<530	<530	<530	<530		<530
1,1-DICHLORO-1,2,2,2-TETRAFLUOROETHANE (Targeted TIC)	UG/L	T			<NS	<NS	<NS	<NS		ND
1,1-DICHLORO-2,2,2-TRIFLUOROETHANE (Targeted TIC)	UG/L	T			<NS	<NS	<NS	<NS		ND
CHLORODIFLUOROMETHANE (Targeted TIC)	UG/L	T			<NS	<NS	<NS	<NS		ND

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 1	Location	CALUWAERT 6015	CALUWAERT 6015	CALUWAERT 6015	CALUWAERT WELL 6027	CALUWAERT WELL 6027	CALUWAERT WELL 6027	CALUWAERT WELL 6027
			Residential	Date	9/3/09	8/2/10	7/22/11	9/3/09	9/3/09	8/2/10	8/2/10
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/	Screening	Bottom (ft)	0	0	0	0	0	0	0
		Diss. (D)	Criteria	Duplicate	FS	FS	FS	DUP	FS	DUP	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		3 J	2 J	2 J	4 J	4 J	9 J	8 J
1,1-DICHLOROETHANE	UG/L	T	880		<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	^22	^22	^19	^17
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	2 J	2 J	2 J	2 J
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2

(^ and shaded cells= Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 1	Location	CALUWAERT WELL 6027	CALUWAERT WELL 6027	INGMANSON 6077	INGMANSON 6077	INGMANSON 6077	JOHNSON 5987	JOHNSON 5987	JOHNSON 5987
			Residential	Date	7/22/11	7/22/11	9/3/09	8/2/10	7/22/11	9/3/09	8/2/10	7/22/11
			DW	Top (ft)	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		FS	DUP	FS	FS	FS	FS	FS	FS
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1-DICHLOROETHANE	UG/L	T	880		<1	<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1
CIS-1,2-DICHLOROETHENE	UG/L	T	70		2 J	2 J	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		^11	^12	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	5		2 J	2 J	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ No. 1	Location	JOSLYN 5793	JOSLYN 5793	JOSLYN 5793	KIME 5895	KIME 5895	KIME 5895	MONT-5987-IN	MONT-5987-IN	MONT-5987-OUT	MONTGOMERY-5987-IN
		Residential	Date	9/3/09	8/2/10	7/22/11	9/3/09	8/2/10	7/22/11	6/8/09	6/8/09	6/8/09	2/18/09
		DW	Top (ft)	0	0	0	0	0	0	0	0	0	0
		Total (T)/	Screening	Bottom (ft)	0	0	0	0	0	0	0	0	0
		Diss. (D)	Criteria	Duplicate	FS	FS	FS	FS	FS	FS	DUP	FS	DUP
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	880		<1	<1	<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ No. 1		Location	MONTGOMERY-5987-IN	MONTGOMERY-5987-IN	MONTGOMERY-5987-IN	MONTGOMERY-5987-IN	MONTGOMERY-5987-IN	MONTGOMERY-5987-IN
		Residential	Date		2/18/09	9/22/09	5/17/10	9/7/10	9/7/10	12/27/10
		DW	Top (ft)		0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		FS	FS	FS	FS	DUP	FS
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1-DICHLOROETHANE	UG/L	T	880		<2	<2	<2	<2	<2	<2
BENZENE	UG/L	T	5		<1	<1	<1	<1	<1	<1
CARBON TETRACHLORIDE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<1	<1	<1	<1	<1	<1
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		<2	<2	<2	<2	<2	<2
TOLUENE	UG/L	T	790		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRICHLOROETHENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<1	<1	<1	<1	<1	<1
	UG/L	T			<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 1	Location	MONTGOMERY-5987-IN	MONTGOMERY-5987-IN	MONTGOMERY-5987-OUT	MONTGOMERY-5987-OUT	MONTGOMERY-5987-OUT	MONTGOMERY-5987-OUT
			Residential	Date	4/18/11	8/2/11	2/18/09	9/22/09	5/17/10	9/7/10
			DW	Top (ft)	0	0	0	0	0	0
		Total (T)/	Screening	Bottom (ft)	0	0	0	0	0	0
		Diss. (D)	Criteria	Duplicate	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	880		<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

< and ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQNo. 1	Location	MONTGOMERY-5987-OUT	MONTGOMERY-5987-OUT	MONTGOMERY-5987-OUT	RANSOM-6845-IN	RANSOM-6845-IN	RANSOM-6845-IN	RANSOM-6845-IN
			Residential	Date	12/27/10	4/18/11	8/2/11	3/18/09	3/18/09	6/8/09	9/22/09
			DW	Top (ft)	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0
				Duplicate	FS	FS	FS	FS	DUP	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	880		<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T	790		<0.7	2	<0.7	<0.7	<0.7	<0.7	0.8
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1
TRICHLOROFUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2
(* and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 1	Location	RANSOM-6845-IN	RANSOM-6845-IN	RANSOM-6845-IN	RANSOM-6845-IN	RANSOM-6845-IN	RANSOM-6845-IN	RANSOM-6845-IN	RANSOM-6845-IN
			Residential	Date	5/17/10	5/17/10	9/7/10	4/18/11	4/18/11	8/2/11	8/2/11	11/28/11
		DW	Top (ft)		0	0	0	0	0	0	0	0
		Total (T)/	Screening	Bottom (ft)	0	0	0	0	0	0	0	0
		Diss. (D)	Criteria	Duplicate	DUP	FS	FS	DUP	FS	DUP	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	880		<1	<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T	.790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 1	Location	RANSOM-6845-IN	RANSOM-6845-OUT	RANSOM-6845-OUT	RANSOM-6845-OUT	RANSOM-6845-OUT	RANSOM-6845-OUT	RANSOM-6845-OUT	RANSOM-6845-OUT
			Residential	Date	3/19/12	3/18/09	6/8/09	9/22/09	5/17/10	9/7/10	4/18/11	8/2/11
			DW	Top (ft)	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0 FS	0 FS	0 FS	0 FS	0 FS	0 FS	0 FS	0 FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	880		<1	<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	0.9J	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2

(* and shaded cells = Concentration above criteria)

<nd ND = Non detect at stated reporting limit

(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ No. 1	Location	RANSOM-6845-OUT	RANSOM-6845-OUT	SIMON 5995	SIMON 5995	SIMON 5995	STAMM 6053	STAMM 6053	STAMM 6053	TINSLEY-6911-IN	TINSLEY-6911-IN
		Residential	Date	11/28/11	3/19/12	9/3/09	8/2/10	7/22/11	9/3/09	8/2/10	7/22/11	2/18/09	6/8/09
		DW	Top (ft)	0	0	0	0	0	0	0	0	0	0
		Total (T)/	Screening	Bottom (ft)	0	0	0	0	0	0	0	0	0
		Diss. (D)	Criteria	Duplicate	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	5 J	6 J	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	880		<1	<1	<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	1 J	1 J	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	5		<1	<1	1 J	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2
 (* and shaded cells= Concentration above criteria)
 < and ND = Non detect at stated reporting limit
 (NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ No. 1		Location	TINSLEY-6911-IN	TINSLEY-6911-IN	TINSLEY-6911-IN	TINSLEY-6911-IN	TINSLEY-6911-IN	TINSLEY-6911-IN	TINSLEY-6911-IN	TINSLEY-6911-IN	TINSLEY-6911-IN
		Residential	Date		9/22/09	9/22/09	5/17/10	9/7/10	12/27/10	12/27/10	4/18/11	8/2/11	11/28/11
		DW	Top (ft)		0	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	880		<1	<1	<1	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2
(^ and shaded cells = Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units	MDEQ No. 1	Location	TINSLEY-6911-IN	TINSLEY-6911-IN	TINSLEY-6911-IN	TINSLEY-6911-OUT	TINSLEY-6911-OUT	TINSLEY-6911-OUT	TINSLEY-6911-OUT	TINSLEY-6911-OUT
		Residential	Date	11/28/11	3/19/12	3/19/12	2/18/09	6/8/09	9/22/09	5/17/10	9/7/10
		DW	Top (ft)	0	0	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft)	0	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8 UJ	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2 UJ	<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	880		<1 UJ	<1	<1	<1	<1	<1	<1
BENZENE	UG/L	T	5		<0.5 UJ	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CARBON TETRACHLORIDE	UG/L	T	5		<1 UJ	<1	<1	<1	<1	<1	<1
CIS-1,2 DICHLOROETHENE	UG/L	T	70		<0.8 UJ	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	<2	<2
METHYLENE CHLORIDE	UG/L	T	5		<2 UJ	<2	<2	<2	<2	<2	<2
TETRACHLOROETHYLENE	UG/L	T	5		<0.8 UJ	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T	790		<0.7 UJ	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8 UJ	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TRICHLOROETHENE	UG/L	T	5		<1 UJ	<1	<1	<1	<1	<1	<1
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	<2	<2

Criteria = MDEQ_2
(^ and shaded cells= Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Appendix B
Summary of Residential Well Analytical Results (December 2009 - May 2012)
EI CA750
DuPont Montague Works
Montague, Michigan

Analyte	Units		MDEQ No. 1	Location	TINSLEY-6911-OUT	TINSLEY-6911-OUT	TINSLEY-6911-OUT	TINSLEY-6911-OUT	TINSLEY-6911-OUT	UMSTEAD-6685
			Residential	Date	12/27/10	4/18/11	8/2/11	11/28/11	3/19/12	11/30/11
			DW	Top (ft)	0	0	0	0	0	0
		Total (T)/ Diss. (D)	Screening Criteria	Bottom (ft) Duplicate	0	0	0	0	0	0
1,1,1-TRICHLOROETHANE	UG/L	T	200		<0.8	<0.8	<0.8	<0.8	<0.8	
1,1,2-TRICHLOROTRIFLUOROETHANE	UG/L	T	170000		<2	<2	<2	<2	<2	<2
1,1-DICHLOROETHANE	UG/L	T	880		<1	<1	<1	<1	<1	
BENZENE	UG/L	T	5		<0.5	<0.5	<0.5	<0.5	<0.5	
CARBON TETRACHLORIDE	UG/L	T	5		<1	<1	<1	<1	<1	<1
CIS-1,2-DICHLOROETHENE	UG/L	T	70		<0.8	<0.8	<0.8	<0.8	<0.8	
DICHLORODIFLUOROMETHANE	UG/L	T	1700		<2	<2	<2	<2	<2	
METHYLENE CHLORIDE	UG/L	T	5		<2	<2	<2	<2	<2	
TETRACHLOROETHYLENE	UG/L	T	5		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
TOLUENE	UG/L	T	790		<0.7	<0.7	<0.7	<0.7	<0.7	
TRANS-1,2-DICHLOROETHENE	UG/L	T	100		<0.8	<0.8	<0.8	<0.8	<0.8	
TRICHLOROETHENE	UG/L	T	5		<1	<1	<1	<1	<1	
TRICHLOROFLUOROMETHANE	UG/L	T	2600		<2	<2	<2	<2	<2	

Criteria = MDEQ_2
(^ and shaded cells= Concentration above criteria)
< and ND = Non detect at stated reporting limit
(NDs assumed to be 100% of reporting limit)

Attachment C

Mixing Zone Mass Flux Calculation - Mixing Zone 2012 1Q

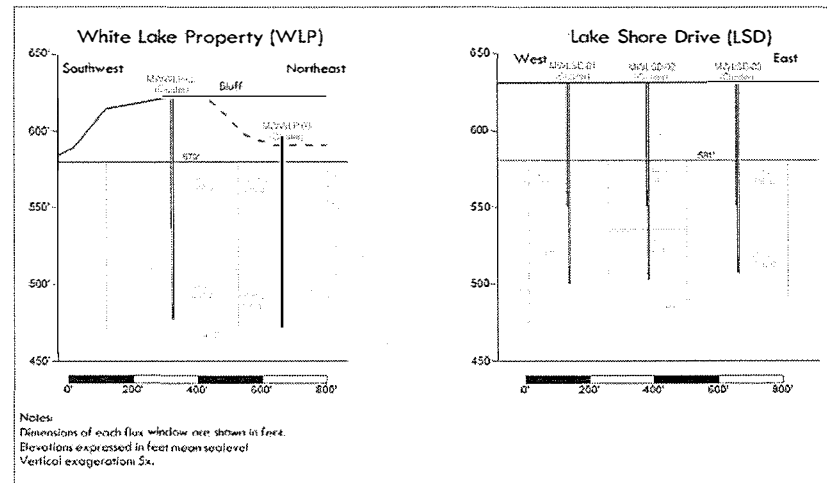
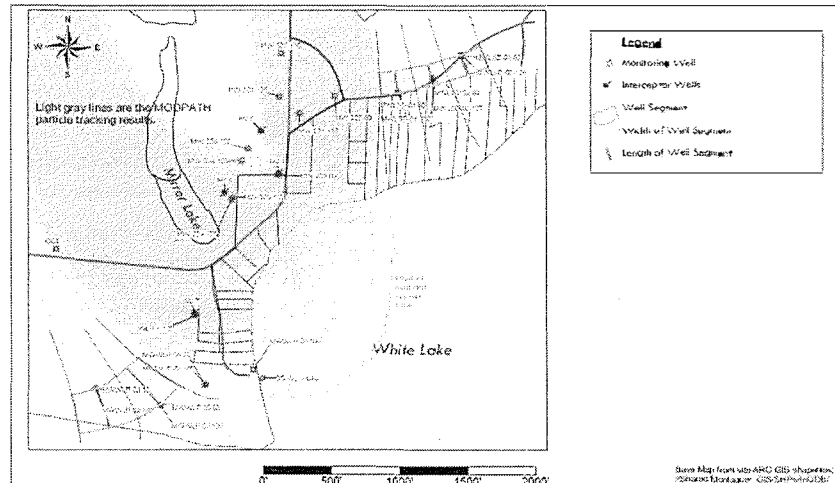
Monitoring Well Segment	Physical Dimensions				Assumed Hydraulic Conductivity 110 ft/day				Concentrations							
	top of well segment (ft MSL)	bottom of well segment (ft MSL)	width of well segment (ft)	Cross Sectional Area of Gates (sq ft)	Δh	ΔL	Hydraulic Gradient for Well Segment (ft/ft)	Groundwater Flux for Well Segment (cuft/d)	Conversion: Groundwater flux through each well sediment (L/day)	28.32 L/cuft Concentration (CFC-113) (ug/L)	Mass Flux (CFC-113) (ug/d)	Concentration (Carbon Tetrachloride) (ug/L)	Mass Flux (Carbon Tetrachloride) (ug/d)	Concentration (PCE) (ug/L)	Mass Flux (PCE) (ug/d)	
MW-WLP-02-085	579	510	408.4	28,176	0.27	317.95	0.00085	2,632	74,537	NA	NA	0.5	37,269	NA	NA	
MW-WLP-02-145	506	470	408.4	14,701	0.27	317.95	0.00085	1,373	38,889	NA	NA	0.5	19,444	NA	NA	
MW-WLP-03-080	579	498.5	278.4	22,407	0.27	380.07	0.00071	1,751	49,587	NA	NA	170	8,429,831	NA	NA	
MW-WLP-03-120	495.5	470	278.4	7,098	0.27	380.07	0.00071	555	15,708	NA	NA	0.5	7,854	NA	NA	
MW-WLP-04-070	579	515.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-WLP-04-105	515.8	470	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-LSD-01-080	580	535	244.0	10,980	0.59	174.90	0.00337	4,074	115,386	NA	NA	0.5	57,693	NA	NA	
MW-LSD-01-130	535	490	244.0	10,980	0.59	174.90	0.00337	4,074	115,386	NA	NA	0.5	57,693	NA	NA	
MW-LSD-02-080	580	536	247.0	10,867	0.59	173.18	0.00341	4,073	115,336	NA	NA	0.5	57,668	NA	NA	
MW-LSD-02-127	534	490	247.0	10,867	0.59	173.18	0.00341	4,073	115,336	NA	NA	0.5	57,668	NA	NA	
MW-LSD-03-080	580	525	310.6	17,082	0.59	164.03	0.00360	6,759	191,411	NA	NA	0.5	95,705	NA	NA	
MW-LSD-03-124	525	490	310.6	10,871	0.59	164.03	0.00360	4,301	121,807	NA	NA	0.5	60,903	NA	NA	

Groundwater Elevations (ft MSL)		
date of data: 1H2012 4/23/2012		
MW-WLP-02-145	579.57	upgradient WLP elev.
MW-WLP-03-120	579.30	downgradient WLP elev.
MW-LSD-01-130	581.21	downgradient LSD elev.
MW-LSD-03-124	581.80	upgradient LSD elev.

Notes:
PCE: Tetrachloroethene
For Δh , this sheet uses 2H2011 groundwater elevations.
NA: not applicable - constituent did not exceed chronic criteria in any compliance well.

Mass Flux (CFC-113) (ug/d)	Mass Flux (Carbon Tetrachloride) (ug/d)	Mass Flux (PCE) (ug/d)
ug/day	8,881,728 ug/day	ug/day
ug/kg	1000000000 ug/kg	ug/kg
lb/kg	2.205 lb/kg	lb/kg
lb/day	0.020 lb/day	lb/day

Chronic Mass-Loading Criteria 0.17 lb/day 0.02 lb/day 0.03 lb/day



Background Information									
Note: The Background Information, Documentation, and the DuPont Site Representative (DSR) Preparation Checklist pages will be completed PRIOR TO ASSEMBLING PSA team. The Background Information page <u>WILL</u> be discussed during the PSA meeting. The purpose of the Background Information page is to - Introduce key project team members, - Verify that adequate and appropriate resources have been assigned, and - Provide a background on the scope of work to facilitate discussion. The Documentation and DuPont Site Representative (DSR) Preparation Checklist WILL NOT be discussed with the contractor during the call. The purpose of the Documentation and DuPont Site Representative Preparation Checklist are to verify that: - The appropriate front end loading of the project has been completed, - Appropriate support documents are in place, and - The assigned DSR is properly equipped and prepared to meet project and Client expectations.									
PSA Date:									
Site Name:									
Project Name:									
List Names Below. If present during the PSA meeting, also Check Box									
PSA Participants * If these key participants are not available, the PSA should be postponed.	Project Director*:		☐						
	Project Manager*:		☐						
	DuPont Site Rep*:		☐						
	Site Supervisor*:		☐						
	Scribe for PSA*:		☐						
	H&S Professional*:		☐						
	Contractor Representatives*:		☐						
	Field Team Members:		☐						
	Site Safety Officer:		☐						
Facility Representatives:		☐							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 55%; padding: 5px;"> Are there any Short Service Employees (SSEs) who will be working on this project? An SSE is any partner or contractor personnel with less than 6 months experience in the same job type, with his/her present employer. If so, list the names of SSEs below. </td> <td style="width: 10%; padding: 5px; text-align: center;">☐ Yes</td> <td style="width: 10%; padding: 5px;"></td> <td style="width: 10%; padding: 5px; text-align: center;">☐ No</td> <td style="width: 15%; padding: 5px;"></td> </tr> </table>					Are there any Short Service Employees (SSEs) who will be working on this project? An SSE is any partner or contractor personnel with less than 6 months experience in the same job type, with his/her present employer. If so, list the names of SSEs below.	☐ Yes		☐ No	
Are there any Short Service Employees (SSEs) who will be working on this project? An SSE is any partner or contractor personnel with less than 6 months experience in the same job type, with his/her present employer. If so, list the names of SSEs below.	☐ Yes		☐ No						
Who is serving as the field mentor for those individuals? List names below.									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 55%; padding: 5px;"> Are there specific training or certification requirements to perform the work (i.e., HAZWOPER 40-hour training, heavy equipment operator credentials, forklift training, etc.)? If so, list requirements below. </td> <td style="width: 10%; padding: 5px; text-align: center;">☐ Yes</td> <td style="width: 10%; padding: 5px;"></td> <td style="width: 10%; padding: 5px; text-align: center;">☐ No</td> <td style="width: 15%; padding: 5px;"></td> </tr> </table>					Are there specific training or certification requirements to perform the work (i.e., HAZWOPER 40-hour training, heavy equipment operator credentials, forklift training, etc.)? If so, list requirements below.	☐ Yes		☐ No	
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Background Information

Note: The Background Information, Documentation, and the DuPont Site Representative (DSR) Preparation Checklist pages will be completed PRIOR TO ASSEMBLING PSA team. The Background Information page WILL be discussed during the PSA meeting.

The purpose of the Background Information page is to

- Introduce key project team members,
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The Documentation and DuPont Site Representative (DSR) Preparation Checklist **WILL NOT** be discussed with the contractor during the call. The purpose of the Documentation and DuPont Site Representative Preparation Checklist are to verify that:

- The appropriate front end loading of the project has been completed,
- Appropriate support documents are in place, and
- The assigned DSR is properly equipped and prepared to meet project and Client expectations.

Brief Summary of the Scope of Work:

Checklist A Physical Hazards				
Category	Item	Subject	No	Yes (add comments below)
Physical Hazards	A	Terrain, Topography		
	B	Overhead obstructions		
	B1	If yes, has an OHOP been prepared?		
	C	Underground obstructions (e.g. electric, water, gas, cable)		
	C1	Will intrusive activities be performed?		
	C2	If yes, review Underground Obstructions SOP and complete flowchart.		
	D	Elevated work (over 5 feet) to be performed?		
	D1	Has a fall protection plan been developed?		
	D2	Has a rescue plan been developed?		
	E	Excavation, Trenches		
	E1	If yes, who is the competent person?		
	E2	How will the excavation be sloped/shored/barricaded?		
	F	Will heavy equipment be used?		
	F1	Equipment should be inspected under both static and loaded conditions.		
	G	Traffic (flow and congestion)		
	G1	If yes, has this been discussed with the contractor?		
	G2	What requirements will there be for spotters?		
	H	Slip, Trip, or Fall Potential		
	I	Weather (heat, ice and rain)		
	I1	Has heat stress or cold stress been identified?		
	J	Rigging, Suspended Loads		
	J1	If yes, who is the qualified rigger?		
	K	Confined Space Activity		
	K1	If yes, has a rescue team been trained and notified?		
	L	Heat/ignition sources (powered tools, torches, lamps)		
	M	Explosion potential (static, vapor, storage)		
	N	Is there a potential for a fire?		
	O	Rotating Equipment/Moving Parts		
	O1	Will personnel be exposed to rotating/moving parts?		
	O2	What additional guards can be installed to minimize exposure?		
	P	Pinch Points		
Q	Drill Rigs			
Q1	If a drill rig will be used, does the potential exist to encounter flammable/combustible gases (methane, etc.)			
Q2	If the answer to Q2 is "yes" specify what type of Combustible Gas Indicator will be used, how often and where the monitoring will take place, and the action limit.			
R	Will there be work over / adjacent to water?			
S	Will drum handling be performed?			
T	Are there any noise sources?			

U	Will there be any use of high pressure water or steam?		
V	What hand safety concerns are associated with the SOW?		
V1	What hand PPE is required?		
V2	Is there special tool(s) to be used to reduce the hazard?		
V3	Are additional precautions, techniques, etc. to be used?		
W	What ergonomic concerns are associated with the SOW (i.e., lifting, repetitive motion, materials handling)?		
X	What hand or power tools will be used?		
X1	Who will perform initial inspection of hand tools?		
X2	Who will perform initial inspection of power cords & GFCIs?		

Checklist A Physical Hazards	
Comments	
Item	
A - Terrain	
B - Overhead Hazard	
B1 - OHOP	
C - Underground Haz	
C1 - Intrusive Activity	
C2 - Underground Obstruction	
Summary of findings & avoidance measures	
D - Elevated Work	
D1 - Fall Protection	
D2 - Rescue Plan	
E - Excavation	
E1 - Competent	
E2 - Slope/shored	
F - Heavy Equipment	
G - Traffic	
G1 - Discussed	
G2 - Spotter	
H - S/T/F	
I - Weather	
I1 - H/C Stress	
J - Rig/Sus. Loads	
J1- Qualified Rigger	
K - Confined Space	
K1 - Rescue Team	
L - Heat/Ignition	
M - Explosion	
N - Fire	
O - Rotating/Moving	
O1 - Exposure	
O2 - Guards	

P - Pinch Points	
Q - Drill Rigs	
R - Water Work	
S - Drum Handling	
T - Noise	
U - High Press. H2O	
V - Hand Safety	
V1 - PPE Req.	
V2 - Special tools	
V3 - Add. Precaution	
W - Ergo concerns	
X- What hand tools	
X1- Hand tool insp.	
X2- Power tool insp.	

Checklist B Chemical Hazards				
Category	Item	Subject	No	Yes (add comments below)
Chemical Hazards	A	Are contaminants present (most recent data)?		
	B	What are the concentration levels?		
	C	Are the contaminants toxic (e.g. carcinogen, mutagen, neurotoxin)?		
	D	Do routes of exposure include inhalation, ingestion, and dermal absorption?		
	E	Are there PPE requirements? If yes, what are the levels of protection? Specify Levels A, B, C, D, or modified D below and describe any specific non-typical requirement.		
	F	Are there air monitoring requirements?		
	G	Is there a potential that respirator use will be required to complete this work?		
	G1	If so, list the names of the individuals who will wear respirators and be prepared to provide documentation of fit tests and medical clearances.		
	H	Are there products to be used in the execution of the work?		
	H1	Are Material Safety Data Sheets available and have they been reviewed?		
	H2	Will chemical addition or treatment be performed?		
	H3	Will the use of any products or materials result in heat generation or off-gassing?		
	I	Will sample preservatives be prepared in the field?		
	J	Is there proximity to Site Chemical Operations? If yes, specify the hazards if exposed to these operations.		
	K	Are area orientations required?		
L	Are additional permits/notifications required?			

Checklist B Chemical Hazards	
Comments	
Item	
A - Contaminants	
B - Concentration	
C - Toxicity	
D - Exposure Routes	
E - PPE	
F - Air Monitoring	
G - Respirator Use	
G1 - Names, etc.	
H - Work Products	
H1 - MSDS	

H2 - Chemical Add.	
H3 - Off Gassing	
I - Sample preserve	
J- Chem. Operations	
K - Orientation	
L - Permits Required	

Checklist C Other Hazards				
Category	Item	Subject	No	Yes (add comments below)
Driving	A	Will transportation involve personal, rental or company car? If yes, be specific as to type of car.		
	A1	Are drivers familiar with vehicle to be used (e.g., brakes, mirrors, lights, small vs. large vs. SUV)?		
	A2	Will equipment / cargo be transported in the backs of vehicles being used by the project team?		
	A3	Are directions to the site available?		
	A4	Is the vehicle in good condition, inspection current, and well maintained (tires, windshield wipers and fluid, brakes, etc.)?		
Site Access Req.	B	Are there any special security requirements for work at the site (i.e., Homeland Security)?		
	B1	Is Maritime Security Act training required?		
	B2	Are security background checks required for site entry?		
	B3	Is substance abuse testing required?		
	B4	Is local Area Safety Council Training required?		
Project Audits	C	What is the audit requirement for this project based on project duration (< or > 2 weeks)? Note: A minimum of 1 audit is required for EVERY project regardless of project length.		☐ Self Audit ☐ Scheduled Audits
	C1	Who will develop the required audit schedule?		
Biological Hazards	D	Are there biological hazards present (e.g., poisonous plants, vectors, wild animals, snakes, ticks, bees)?		
Communications	E	Have adequate means of communication been established (cell phones, plant radios, etc.)?		
	E1	Means of communication with facility?		
	E2	Means of communication between field team members?		
	E3	Have cell phone numbers been exchanged as appropriate?		
Buddy System	F	If there are circumstances where individuals must work alone?		
	F1	Has a buddy system been developed for the work?		
	F2	Have adequate provisions regarding check in and communication been made to assure individual safety?		
Other Hazards	G	Are there any other hazards applicable to the fieldwork being performed?		

Management of Change	H	Do all parties understand the importance of and the process to identify and/or manage changing field conditions?		
Unexpected Occurrences	I	Do all parties understand the the definition of an Unexpected Occurrence and are they familiar with the expected reporting and investigation process?		

Checklist C Other Hazards	
Comments	
Item	
A - Transportation	
A1 - Driver Familiar	
A2 - Cargo	
A3 - Directions.	
A4 - Car Requirements	
B - Security	
B1 - Maritime Act	
B2 - Background Cks	
B3 - Drug Test	
B4 - ASCT Require	
C- Audit Frequency	
C1- Audit Schedule	
D - Bio Hazard	
E- Communications	
E1 - Facility Com.	
E2 - Field Com.	
E3 - Cell phone #s	
F - Alone Worker	
F1- Buddy System	
F2 - Check in policy	
G - Other Hazards	
H - Change Management	
I- Unexpected Occurrence	

Checklist D Project Security Planning				
Note: This section may be omitted if deemed unnecessary by the Project Team				
Category	Item	Subject	No	Yes (add comments below)
Project Security Planning	A	Is this project located in an area where the personal security of the field team may be a concern? (Refer to current DuPont travel restrictions)		
	A1	Is it necessary to have a stand alone Project Security Plan developed?		
	B	Have project personnel exchanged contact information (phone numbers)?		
	B1	Has Emergency Contact information (back home) been exchanged?		
	C	Have preferred and varied travel routes travel to and from the site/hotel etc. been identified and communicated		
	C1	Have areas to be avoided been identified (seek guidance from regional Security Manager)		

Checklist D Project Security Planning	
Comments	
Item	
A -	
A1	
B -	
B1	
C-	
C1	

Checklist E Non Regulated Process Hazards				
Note: This section to be completed if a non-regulated process is involved.				
Category	Item	Subject	No	Yes (add comments below)
Non Regulated Process	A	Is there an O&M Manual?		
	A1	Does it address requirements such as safety interlock/valve inspection frequency?		
	B	Pipe code and classification		
	B1	Are materials of construction consistent throughout?		
	B2	Are valves and sample ports easily accessible?		
	B3	Are valves and joints adequately supported?		
	C	Electrical classification and codes		
	D	Are there lockout/tagout requirements (electrical, mechanical, hydraulic, and pneumatic)?		

Checklist E Non Regulated Process Hazards	
Comments	
Item	
A - O&M manual	
A1 - Valves	
B - Pipes	
B1 - Construction	
B2 - Accessible	
B3 - Supported	
C - Electrical	
D - Lock out/tag out	

**Checklist F
Process Safety Hazards**

Note: This section only applies if the project involves a process that is covered by 29 CFR 1910.119. If so, then a formal Process Hazards Assessment (PHA) must be conducted.

Category	Item	Subject	No	Yes (add comments below)
Process Safety Hazards	A	Highly Hazardous Chemicals as determined by 1910.119		
	B	Steam Processes		
	C	High Pressure >3000 psi		
	D	Heat Generation		
	E	Chemical Addition		
	F	Management of Change		

**Checklist
Process Safety Hazards**

Comments

Item	
A - Hazardous Chem.	
B - Steam	
C - High Pressure	
D - Heat Generation	
E - Chem. addition	
F- Mgmt Change	

Documentation				
(These sections are not to be covered during the PSA but are a planning tool to be used by the PD/PM/DSR for project planning & preparation.)				
Category	Item	Subject	No	Yes (add comments below)
HASP	A1	Is the HASP current for the scope of work? Provide date and title of HASP in the comments section.		
	A2	Is there a HASP addendum that addresses the scope of work? Provide date, number, and title of Addendum in the comments section.		
	A3	Has a copy of the pertinent document(s) been made available to the project team?		
Scope of Work	B1	Is there a written scope of work for the project? Provide date and title of document.		
	B2	Has a copy of the scope of work been made available to key project members?		
WMP	C1	Is the waste management plan current for said activities? If yes, list date and title of WMP.		
	C2	Has the WMP been reviewed by a member of the WM Network and the field team? If yes, list the names of the individuals.		
Comments				
Item				
A1 - HASP Title				
A2 - HASP Add.				
A3 - HASP Received				
B1 - SOW Title				
B2 - SOW Reviewed				
C1 - WMP Title				
C2 - WMP Reviewed				
Variance				
Supply justification for not completing geophysical survey in accordance with CRG SHE Procedure for Underground Obstruction.				
Justification				
PD Signature				
PM Signature				
Date				

DSR Preparation Checklist

Instructions: To be completed by PM and DSR prior to mobilization as part of the front-end loading process. **Note:** The DSR is the individual on site who represents DuPont. While the DSR's responsibilities may vary by project, a basic understanding of the following items is required on all projects, regardless of the DSR's project-specific responsibilities (e.g. Site Supervisor, Site Safety Officer, Construction Manager, Sampler).

Check the box (place an X in the Item field) once the item is discussed.	
Item	
Review project goals and objectives with DSR and how current scope fits in with overall project	
Permit requirements related to the work (e.g. federal, state, local, E&S, plant, internal)	
Technical Specifications/Drawings/Work Plan	
Contract-type (lump sum, unit price, or T&M) and how they relate to field management responsibilities	
Contract administration (responsibility as a "Receiver" in the Buy/Release, Receive, Pay process, Cost Tracking, Progress Meetings, Meeting Minutes, etc.)	
Health and Safety Plan	
Waste Management Plan	
Fieldwork Documentation Requirements	
Communication	
1. Lines of Communication within the Project Team (CRG, plant, contractor, subcontractors)	
2. How to address regulatory visits/questions if they arise	
3. How to address Community issues/visits/questions if they arise	

Together, we have thoroughly reviewed the project related information and requirements listed above for the project:

Site Name	
Project/Task	
Project Manager	
DSR(s)	
Date	