

CON 12-15
Doc #17354



13424 W. 98th Street
Shawnee Mission, KS 66215

December 9, 200²

Mr. Daniel Cook
Senior Environmental Specialist - Contaminated Sites
Iowa Department of Natural Resources
502 East 9th Street
Wallace State Office Building
Des Moines, Iowa 50319

Re: Williams Pipe Line Company, Clear Lake Terminal
Clear Lake, Iowa

Dear Mr. Cook:

Williams has received your letter dated October 15, 2002 and would like to inform the State of the activities that have taken place at the site during 2002 and the planned activities going forward in 2003.

On September 23, 2002, a letter report titled "Results of Tier 1 Sampling at Williams Energy Clear Lake, Iowa Terminal" was submitted the IDNR Field Office #2 in Mason City. The report was generated as a result of a release that was discovered in June 2001 in the vicinity of the manifold. The manifold is located east-southeast of MW-8. A copy of this letter report is attached.

A geoprobe investigation was performed in the vicinity of the manifold in August 2002 and the sampling results were compared against the Iowa Land Recycling Program (ILRP) and Iowa RBCA standards. It was determined that groundwater concentrations for benzene in two of the geoprobe points exceeded these standards; therefore, Williams is proposing to install two additional monitoring wells in the area of the manifold to complete Tier 2 activities. In addition to the two proposed monitoring wells near the manifold, Williams will install an additional monitoring well inside the bermed area northeast of MW-8.

This work has been scheduled for the first quarter of 2003. A report will be finalized and submitted to your office and the field office in Mason City. If you have any questions or concerns about Williams proposed path forward, please do not hesitate to call me at (913) 310-7712.

Sincerely,

A handwritten signature in black ink, appearing to read "Glen D. Thompson", is written over a horizontal line.

Glen D. Thompson
Senior Project Manager
WILLIAMS ENERGY PARTNERS, L.P.



10052 Justin Drive
Suite L
Urbandale, IA 50322
Telephone 515-727-8025
Facsimile 515-727-8028

October 4, 2002

Iowa Department of Natural Resources
Field Office #2
2300 15th SW
P.O. Box 1443
Mason City, IA 50402-1443

ATTN: Al Tompkins, Environmental Specialist

**RE: Results of Tier 1 Sampling at Williams Pipe Line Company Clear Lake, Iowa,
Terminal**

Dear Mr. Tompkins:

Apex Environmental, Inc. (Apex) was requested by Williams Pipe Line Company (Williams) to perform a Tier 1 field investigation in response to a leak at the Williams Terminal in Clear Lake, Iowa, which occurred on June 22, 2002. Initial response activities included excavation 37:58 tons soils around the leak area by hand shoveling and removal via a vacuum-truck. The initial over-excavation activities were performed on June 23, July 1, and July 26, 2002. On July 5, the north and south walls, which were originally sampled on July 2, were re-sampled due to damage of the original soil jars in shipment to the lab. Soil sample analytical results from the excavation activities are summarized in Table 1.

On August 26, 2002, Apex performed a subsurface investigation that consisted of advancing 5 geoprobe points into groundwater. A soil and groundwater sample was collected from each of the five points and sent to Test America Laboratory in Cedar Falls, Iowa, for IA Method OA-1/OA-2 analysis. Soil analyses are presented in Table 1 and groundwater analyses are presented in Table 2.

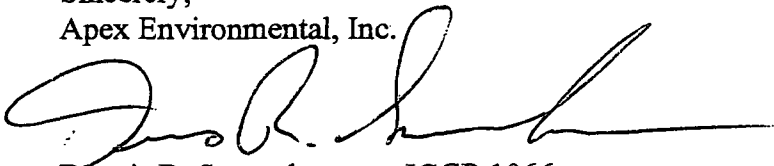
No soil samples exhibited detection levels above the Iowa Land Recycling Program (ILRP) or the Iowa Risk Based Corrective Action (RBCA) standards for benzene, toluene, ethylbenzene, or total xylenes based on the analysis. One groundwater sample at GP-2 exceeded the RBCA Tier 1 Action Levels and the ILRP standard for a protected groundwater source for benzene. All findings are summarized in the attached tables. Copies of the laboratory analytical results are attached to this letter. A site map identifying the leak area is also attached.

Apexenvironmental, inc.

Williams is proceeding with Tier 2 activities, which will include installation of two additional 2-inch monitoring wells, one at the source and one south of the source. The Williams facility currently has a network of perimeter monitoring wells, which will be utilized to meet the defining requirements for groundwater concentrations above the site specific target levels (SSTL's). The wells proposed to be used are existing wells MW-2, MW-8, MW-9, and MW-11.

Please contact me at (515)-727-8025 with any questions you may have concerning this update letter.

Sincerely,
Apex Environmental, Inc.

A handwritten signature in black ink, appearing to read "Dennis R. Sensenbrenner", with a long horizontal flourish extending to the right.

Dennis R. Sensenbrenner, ICGP 1066
Sr. Project Manager

Cc: Ms. Marcia Eckhoff, Williams Environmental Specialist
Mr. Glen D. Thompson, Williams Remediation Project Manager
Mr. Brian Topping, Williams Contract Remediation Project Manager

Attachments

Table 1: Soil Analytical Results in ppm (mg/kg)

Sample	Date	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	TEH-D	TEH-Gas	TEH-WO
SS#1 @ 8" (NW)	6/23/02	<0.005	<0.005	<0.005	<0.015	<0.015	10.7	<10	<10
SS#2 @ 2' (EW)	6/23/02	<0.005	<0.005	<0.005	<0.015	<0.015	15	<10	<10
SS#3 @ 2' (SW)	6/23/02	<0.005	<0.005	<0.005	<0.015	<0.015	<10	<10	<10
SS#4 @ 6.6' (Floor)	6/23/02	0.024	0.249	0.510	2.94	<0.015	3,380	1,570	942
SS#5 @ 4' (WW)	6/23/02	<0.005	0.033	0.044	0.691	<0.015	5,810	937	399
West Wall @ 7'	7/02/02	NS	NS	NS	NS	NS	<10	<10	<10
East Wall @ 7'	7/02/02	NS	NS	NS	NS	NS	3,620	1,590	507
Floor @ 10'	7/02/02	NS	NS	NS	NS	NS	1,740	632	166
South Wall @ 7'	7/05/02	NS	NS	NS	NS	NS	2,600	100	371
North Wall @ 7'	7/05/02	NS	NS	NS	NS	NS	6,390	1,180	641
SS #1 @ 5' (SW)	7/26/02	<0.005	<0.005	<0.005	<0.015	<0.015			
SS #2 @ 6' (NW)	7/26/02	<0.005	<0.005	<0.005	<0.015	<0.015	<10	<10	<10
SS #3 @ 6' (SW)	7/26/02	<0.005	<0.005	<0.005	<0.015	<0.015			
SS #4 @ 7' (WW)	7/26/02	<0.005	<0.005	<0.005	<0.015	<0.015			
SS #5 @ 9' (Floor)	7/26/02	<0.005	<0.005	<0.005	<0.015	<0.015			
GP-1 @ 18'	8/26/02	<0.005	<0.005	<0.005	<0.015	<0.015	<10	<10	<10
GP-2 @ 22'	8/26/02	<0.1	<0.1	2.6	9.06	<0.37	1,360	1,560	102
GP-3 @ 23'	8/26/02	<0.005	<0.005	<0.005	<0.015	<0.015	535	360	76
GP-4 @ 23'	8/26/02	<0.1	<0.1	0.9	2.89	<0.34	910	1,040	17.3
GP-5 @ 3'	8/26/02	<0.005	0.007	<0.005	<0.015	<0.015	10.4	<10	19.4
IA Land Recycling Program	--	73	16,000	7,800	160,000	2,300	NA	NA	NA
IA RBCA Tier 1	--	0.54	42	15	NA	NA	3,800	NA	NA

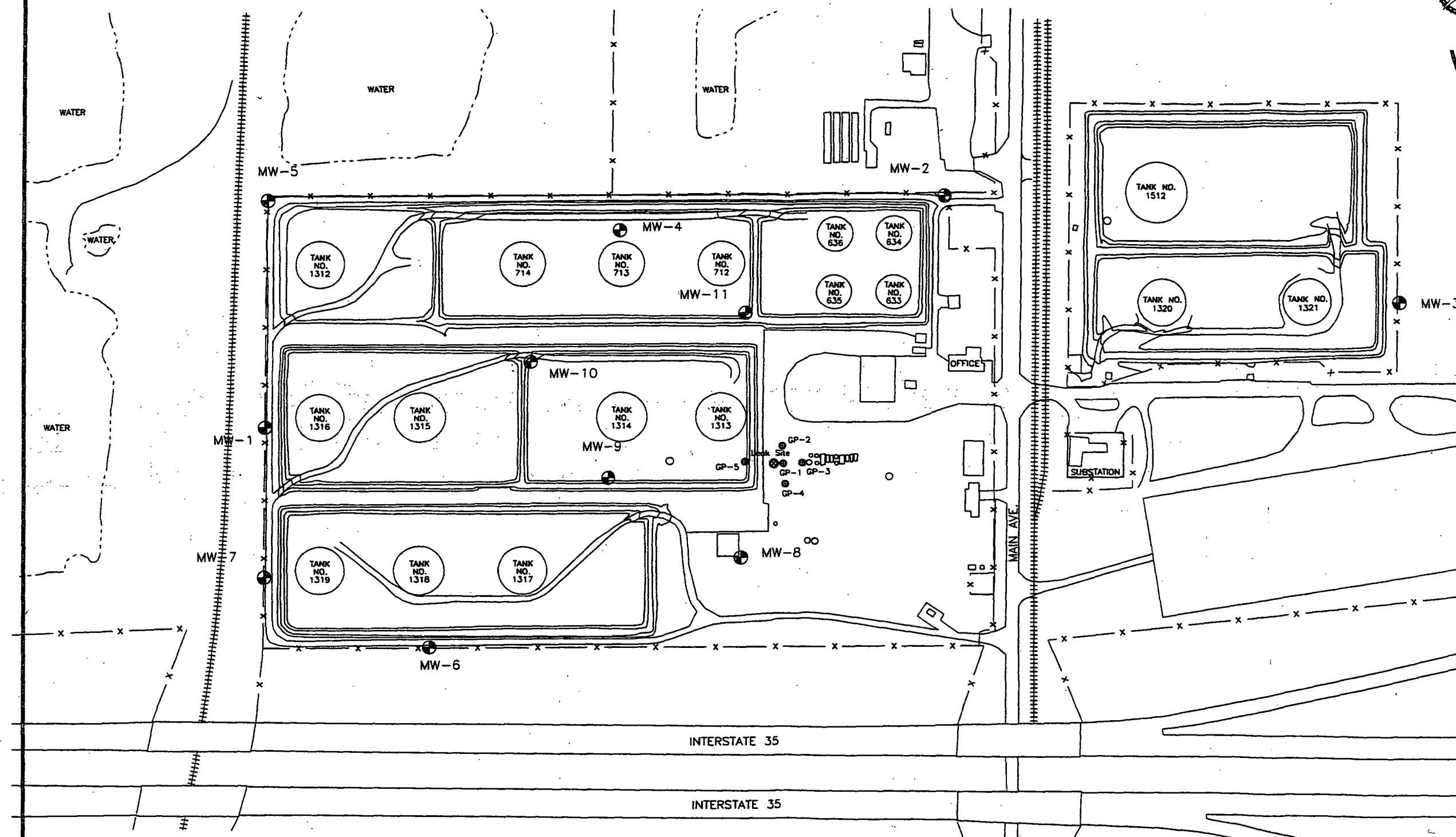
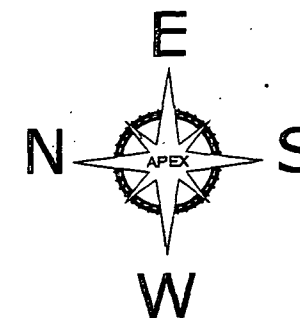
*NS = no sample; NW=North Wall; SW=South Wall; EW=East Wall; WW=West Wall

**NA = not established


Table 2: Groundwater Analytical Results in ppb (µg/L)

Sample	Date	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	TEH-D	TEH-Gas	TEH-WO
GP-1	8/26/02	115	21.7	268	666	<1.0	1,480	4,600	<380
GP-2	8/26/02	597	19	470	1,360	<10	5,080	9,880	594
GP-3	8/26/02	90	12	182	474	<10	3,630	4,230	641
GP-4	8/26/02	119	27	488	1,300	<10	22,000	28,700	710
GP-5	8/26/02	155	13.1	120	242	<1.0	2,590	3,000	<380
IA Land Recycling Program	--	120	7,000	3,500	70,000	1,100	NA	NA	NA
IA RBCA Tier 1	--	290	7,300	3,700	73,000	NA	75,000	NA	40,000

**NA = not established



- MW-# MONITORING WELL LOCATION
⊕ GP-# GEOPROBE LOCATION

		10052 JUSTIN DRIVE SUITE L URBANDALE, IA 50322	
REV. NO.:	DRAWING DATE: 09-23-02	ACAD FILE: 4080-022 Site Plan	
SHEET TITLE: SCALED SITE PLAN			
CLIENT:	William's Energy		PM: DRS
LOCATION:	William's Clear Lake Terminal Clear Lake, Iowa		PERD: DRS
DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE: 1

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