



December 16, 2013

Mr. Richard Harper
Bureau of Water
Kansas Department of Health & Environment
1000 Southwest Jackson
Topeka, Kansas

RECEIVED DEC 23 2013

**Subject: Water Well Plugging Records
MW 118A and MW 118B
Former GM Fairfax Tract 1
KDHE State Cooperative Program Site
Kansas City, Kansas**

Mr. Harper:

Kansas City Testing & Engineering, LLC (KCTE) conducted well plugging at the Former Fairfax GM Tract I property located in Kansas City, Kansas. Plugging activities were performed for two wells (MW 118A and MW 118B) on November 27, 2013. The Site is located at the mailing address 100 Kindleberger Road in Wyandotte County, Kansas City, Kansas. The wells were originally installed by Harris Drilling Services as part of ongoing remedial monitoring under the oversight of the KDHE State Cooperative Program. Our GIS department could not locate a Section associated with the wells at their location on the Site, and therefore have included GPS coordinates of the former well locations.

Decommissioning activities were performed in accordance with KDHE regulations by KCTE and under the oversight of a Kansas licensed well installer. Attached are the WWC-5P forms documenting well plugging work.

Should you have any questions or require additional information feel free to contact me directly by email at nick.godfrey@kctestng.com or by phone at 913.321.8100.

Sincerely,

Nick Godfrey
Environmental Services Manager
Kansas City Testing & Engineering, LLC

CC: Mr. Kevin Kershnik, NorthPoint Development
Ms. Pamela Green, KDHE
Mr. Robert Hare, RACER Trust

Attachments:
Water Well Plugging Record Forms WWC-5P
Well Design Logs (MW-118A / MW-118B)

WATER WELL PLUGGING RECORD

Form WWC-5P

KSA 82a-1212

ID NO.

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>Wyandotte</u>		<u>1/4</u> <u>1/4</u> <u>1/4</u> <u>1/4</u>		T S	E W
Street/Rural Address of Well Location: if unknown, distance & direction from nearest town or intersection. If at owner's address, check here ☐			Global Positioning Systems (GPS) information:		
			Latitude: <u>39.150427</u> (in decimal degrees)		
			Longitude: <u>-94.611048</u> (in decimal degrees)		
			Elevation:		
			Datum: ☐ WGS84, ☐ NAD83, ☐ NAD27		
			Collection Method:		
			☐ GPS unit (Make/Model):		
			☒ Digital Map Photo: ☐ Topographic Map: ☐ Land Survey		
2 WATER WELL OWNER: <u>Mr. Robert Hurd</u>			Est. Accuracy: ☒ < 3 m. ☐ 3-5 m. ☐ 5-15 m. ☐ > 15 m		
RR#, St. Address, Box # <u>2430 E. Corsica Road</u>					
City, State ZIP Code <u>YPSILON, MI 48198</u>					

3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF WELL <u>58.5</u> ft. <u>Monitoring well MW-118B</u>
	WELL'S STATIC WATER LEVEL _____ ft
	WELL WAS USED AS
	☐ Domestic ☐ Public Water Supply ☐ Dewatering ☐ Irrigation ☐ Oil Field Water Supply ☒ Monitoring ☐ Feedlot ☐ Domestic (Lawn & Garden) ☐ Injection Well ☐ Industrial ☐ Air Conditioning ☐ Other _____
	Was a chemical/bacteriological sample submitted to Department? Yes ☐ No ☐

5 TYPE OF BLANK CASING USED:

☐ Steel ☐ RMP (SR) ☐ Wrought ☐ Fiberglass ☐ Other (Specify below):
☒ PVC ☐ ABS ☐ Asbestos-Cement ☐ Concrete Tile

Blank casing diameter 2 in. Was casing pulled? Yes ☒ No ☐ If yes, how much top 5' note! entire
 Casing height above or below land surface _____ in. WELL FILLING FROM TOP FIVE FEET
PULLED TO TOP OF CASING.

6 GROUT PLUG MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other _____

Grout Plug Intervals: From 0 ft to 58.5 ft. From _____ ft to _____ ft. From _____ ft to _____ ft

What is the nearest source of possible contamination

☐ Septic tank	☐ Seepage pit	☐ Fuel storage	☐ Other (specify below):
☐ Sewer lines	☐ Pit privy	☐ Fertilizer storage	
☐ Watertight sewer lines	☐ Sewage lagoon	☐ Insecticide storage	
☐ Lateral lines	☐ Feedyard	☐ Abandoned water well	Direction from well? _____
☐ Cess pool	☐ Livestock pens	☐ Oil well/Gas well	How many feet? _____

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
0	58.5	Bentonite			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) 11/27/13 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 650 This Water Well Record was completed on (mo/day/year) 12/11/13 under the business name of KIC/PLC by signature: [Signature]

INSTRUCTIONS: Use typewriter or ballpoint pen. Please press firmly and print clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Ste. 420, Topeka, Kansas 66612-1367. Telephone: 785/296-5524. Send one to Water Well Owner and retain one for your records. Visit us at <http://www.kdheks.gov/waterwell/index.html>.



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: FAIRFAX I PLANT SITE

PROJECT NUMBER: 12559

CLIENT: GM

LOCATION: KANSAS CITY, KANSAS

DRILLING CONTRACTOR: HARRISS DRILLING SERVICES

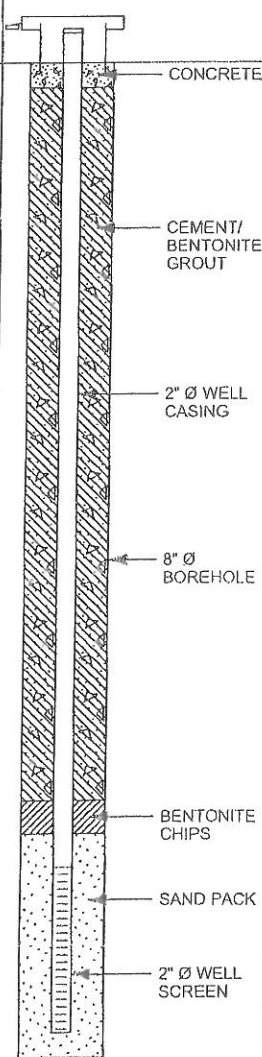
HOLE DESIGNATION: MW-118B

DATE COMPLETED: December 13, 2005

DRILLING METHOD: 4 1/4 ID HSA

FIELD PERSONNEL: S.COBB

DRILLER: C.D.

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft AMSL	MONITOR WELL	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
	TOP OF CASING GROUND SURFACE	746.86 744.00					
5	No Sample Collected						
10							
15							
20							
25							
30							
35							
40							
45							
50							
55							
60	END OF BOREHOLE @ 60.0ft BGS	684.00	<u>WELL DETAILS</u> Screened interval: 695.50 to 685.50ft AMSL 48.50 to 58.50ft BGS Length: 10ft Diameter: 2in Slot Size: 10 Material: PVC Sand Pack: 697.50 to 684.00ft AMSL 46.50 to 60.00ft BGS Material: SAND #5				
65							
70							
75							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12559-52 MW DEC 05 SAMPLING.GPJ CRA CORP.CDT 5/9/06

WATER WELL PLUGGING RECORD Form WWC-5P

KSA 82a-1212

ID NO.

1 LOCATION OF WATER WELL: Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ Section Number Township Number Range Number
County: Wyandotte T S ☐ E ☐ W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐

Global Positioning Systems (GPS) information:

Latitude: 39.150427 (in decimal degrees)

Longitude: -94.61048 (in decimal degrees)

Elevation:

Datum: ☐ WGS84, ☐ NAD83, ☐ NAD27

Collection Method:

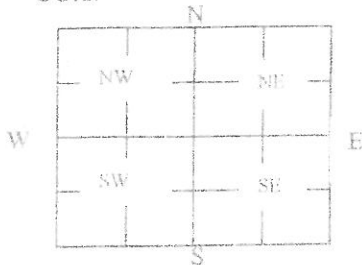
☐ GPS unit (Make/Model: _____)

☒ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey

Est. Accuracy: ☒ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m

2 WATER WELL OWNER: Mr. Robert Hurre
RR#, St. Address, Box #: 2930 Edwards Road
City, State ZIP Code: Ypsilanti, MI 48198

3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF WELL 30 ft. Monitoring Well MW-118A

WELL'S STATIC WATER LEVEL _____ ft

WELL WAS USED AS:

☐ Domestic
☐ Irrigation
☐ Feedlot
☐ Industrial

☐ Public Water Supply
☐ Oil Field Water Supply
☐ Domestic (Lawn & Garden)
☐ Air Conditioning

☐ Dewatering
☒ Monitoring
☐ Injection Well
☐ Other _____

Was a chemical/bacteriological sample submitted to Department? Yes ☐ No ☒

5 TYPE OF BLANK CASING USED:

☐ Steel ☐ RMP (SR) ☐ Wrought ☐ Fiberglass ☐ Other (Specify below)
☒ PVC ☐ ABS ☐ Asbestos-Cement ☐ Concrete Tile

Blank casing diameter 2 in. Was casing pulled? Yes ☒ No ☐ If yes, how much top 10 ft
Casing height above or below land surface 2.9 in. note: plugged all casing first, pulled and then plugged casing

6 GROUT PLUG MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other _____

Grout Plug Intervals: From 0 ft. to 30 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination:

☐ Septic tank ☐ Seepage pit ☐ Fuel storage ☐ Other (specify below)
☐ Sewer lines ☐ Pit privy ☐ Fertilizer storage
☐ Watertight sewer lines ☐ Sewage lagoon ☐ Insecticide storage
☐ Lateral lines ☐ Feedyard ☐ Abandoned water well Direction from well? _____
☐ Cess pool ☐ Livestock pens ☐ Oil well/Gas well How many feet? _____

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
<u>0</u>	<u>30</u>	<u>Bentonite</u>			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) 11/27/13 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 650 This Water Well Record was completed on (mo/day/year) 12/11/13 under the business name of PCI/KCTE by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ballpoint pen. Please press firmly and print clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Ste. 420, Topeka, Kansas 66612-1367. Telephone: 785/296-5524. Send one to Water Well Owner and retain one for your records. Visit us at <http://www.kdheks.gov/waterwell/index.html>.



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PROJECT NAME: FAIRFAX I PLANT SITE

PROJECT NUMBER: 12559

CLIENT: GM

LOCATION: KANSAS CITY, KANSAS

DRILLING CONTRACTOR: HARRISS DRILLING SERVICES

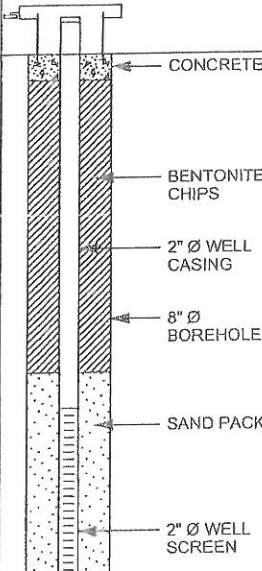
HOLE DESIGNATION: MW-118A

DATE COMPLETED: December 12, 2005

DRILLING METHOD: 4 1/4 ID HSA

FIELD PERSONNEL: S. COBB

DRILLER: C.D.

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft AMSL	MONITOR WELL	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
	TOP OF CASING GROUND SURFACE	747.02 744.00					
	No Sample Collected						
5							
10							
15							
20							
25							
30	END OF BOREHOLE @ 30.0ft BGS	714.00					
35							
40							
45							
50							
55							
60							
65							
70							

WELL DETAILS

Screened interval:

724.00 to 714.00ft AMSL

20.00 to 30.00ft BGS

Length: 10ft

Diameter: 2in

Slot Size: 10

Material: PVC

Sand Pack:

726.00 to 714.00ft AMSL

18.00 to 30.00ft BGS

Material: SAND #5

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12559-52 MW DEC 05 SAMPLING GPJ CRA CORP GJT 5/9/06