

APPENDIX N – KDHE WATER WELL PLUGGING FORM (WWC-5P)

WATER WELL PLUGGING RECORD Form WWC-5P KSA 82a-1212 ID NO.

1 LOCATION OF WATER WELL: County: <u>Wilson</u>	Fraction <u>¼ NE ¼ NE ¼ SE ¼</u>	Section Number <u>19</u>	Township Number <u>T 30 S</u>	Range Number <u>16</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W
---	-------------------------------------	-----------------------------	----------------------------------	--

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/>	Global Positioning Systems (GPS) information: Latitude: <u>37.420439</u> (in decimal degrees) Longitude: <u>95.689992</u> (in decimal degrees) Elevation: <u>805</u> Datum: <input checked="" type="checkbox"/> WGS84, <input type="checkbox"/> NAD83, <input type="checkbox"/> NAD27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model: _____) <input checked="" type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input checked="" type="checkbox"/> < 3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> > 15 m
2 WATER WELL OWNER: <u>BP Products North America</u> RR#, St. Address, Box #: <u>1000 North Sterling Ave</u> City, State ZIP Code: <u>Sugar Creek, MO 64054</u>	

3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;"> </div>	4 DEPTH OF WELL <u>32.74 (TOC)</u> ft. WELL'S STATIC WATER LEVEL <u>12.96</u> ft WELL WAS USED AS: <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Domestic</td> <td><input type="checkbox"/> Public Water Supply</td> <td><input type="checkbox"/> Dewatering</td> </tr> <tr> <td><input type="checkbox"/> Irrigation</td> <td><input type="checkbox"/> Oil Field Water Supply</td> <td><input checked="" type="checkbox"/> Monitoring</td> </tr> <tr> <td><input type="checkbox"/> Feedlot</td> <td><input type="checkbox"/> Domestic (Lawn & Garden)</td> <td><input type="checkbox"/> Injection Well</td> </tr> <tr> <td><input type="checkbox"/> Industrial</td> <td><input type="checkbox"/> Air Conditioning</td> <td><input type="checkbox"/> Other <u>MW-40</u></td> </tr> </table> Was a chemical/bacteriological sample submitted to Department? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<input type="checkbox"/> Domestic	<input type="checkbox"/> Public Water Supply	<input type="checkbox"/> Dewatering	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Oil Field Water Supply	<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Feedlot	<input type="checkbox"/> Domestic (Lawn & Garden)	<input type="checkbox"/> Injection Well	<input type="checkbox"/> Industrial	<input type="checkbox"/> Air Conditioning	<input type="checkbox"/> Other <u>MW-40</u>
<input type="checkbox"/> Domestic	<input type="checkbox"/> Public Water Supply	<input type="checkbox"/> Dewatering											
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Oil Field Water Supply	<input checked="" type="checkbox"/> Monitoring											
<input type="checkbox"/> Feedlot	<input type="checkbox"/> Domestic (Lawn & Garden)	<input type="checkbox"/> Injection Well											
<input type="checkbox"/> Industrial	<input type="checkbox"/> Air Conditioning	<input type="checkbox"/> Other <u>MW-40</u>											

5 TYPE OF BLANK CASING USED:

<input type="checkbox"/> Steel	<input type="checkbox"/> RMP (SR)	<input type="checkbox"/> Wrought	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Other (Specify below)
<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> ABS	<input type="checkbox"/> Asbestos-Cement	<input type="checkbox"/> Concrete Tile	

Blank casing diameter 2 in. Was casing pulled? Yes No If yes, how much ~5-feet below ground
 Casing height above or below land surface 2.5 in.

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

Grout Plug Intervals: From 3 ft. to 32.74 ft., From N/A ft. to N/A ft., From N/A to N/A ft.

What is the nearest source of possible contamination:

<input type="checkbox"/> Septic tank	<input type="checkbox"/> Seepage pit	<input checked="" type="checkbox"/> Fuel Storage	<input type="checkbox"/> Other (specify below)
<input type="checkbox"/> Sewer lines	<input type="checkbox"/> Pit privy	<input type="checkbox"/> Fertilizer storage	
<input type="checkbox"/> Watertight sewer lines	<input type="checkbox"/> Sewage lagoon	<input type="checkbox"/> Insecticide storage	
<input type="checkbox"/> Lateral lines	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Abandoned water well	Direction from well? <u>North</u>
<input type="checkbox"/> Cess pool	<input type="checkbox"/> Livestock pens	<input type="checkbox"/> Oil well/Gas well	How many feet? <u>3,000-feet</u>

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
0	3	Topsoil			
3	32.74	Bentonite Chips			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) 10-24-2014 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 759. This Water Well Record was completed on (mo/day/year) 1-4-2015 under the business name of RAZEK Environmental, LLC 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 one copy 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>.



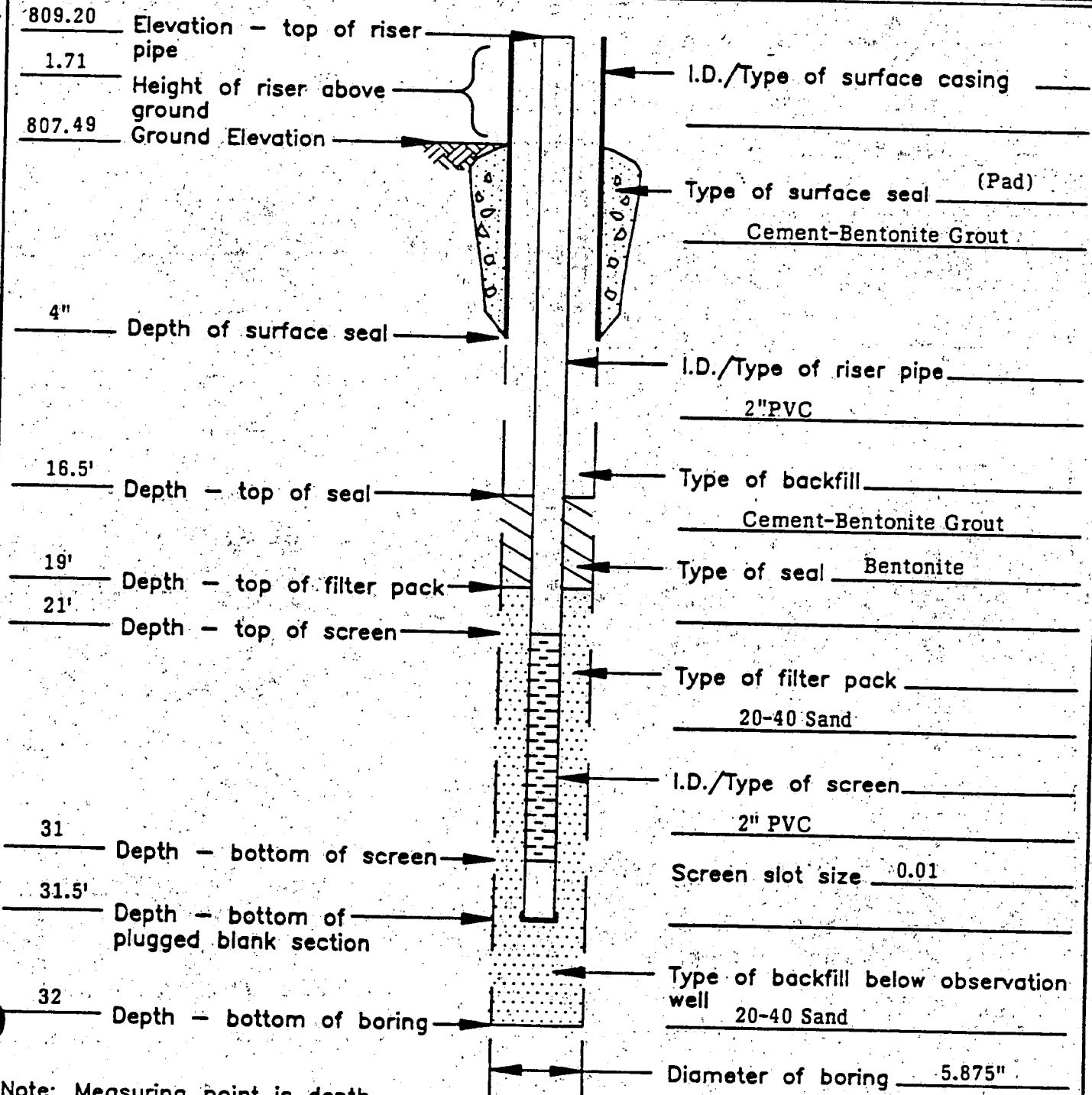
FOSTER WHEELER ENVIRESPONSE, INC.

WELL CONSTRUCTION LOG

Project Name Amoco Neodesha
 Location Neodesha, KS
 Drilling Contractor PSI
 Drilling Method Hollow Stem Auger

Piez./Well No. MW-40
 Project No. 4-31-1021
 Installation Date(s) 11-30-90
 Time _____

Remarks _____



Note: Measuring point is depth below land surface, unless otherwise noted.

Inspected by: _____ Date: 11-30-90



FOSTER WHEELER ENVIRESPONSE, INC.

BORING LOG

PROJECT NAME	Amoco Neodesha	DRILLED BY	PSI
PROJECT LOCATION	Neodesha, KS	PROJECT NUMBER	4-31-00-1021
LOGGED BY	Stephen P. Catlin	ELEVATION DATUM	NGVD
WELL NUMBER	MW-40	WATER ENTERS	
SURFACE ELEVATION	807.20	RIG	CME 75
SHEET	1 OF 2		
DATE	11-30-90		

DEPTH	SAMPLE			DESCRIPTION	U.S.C.	SPECIAL NOTES AND OBSERVATIONS
	TYPE	RECOVERY	RQD			
				0-4.1 Dark gray silty clay moist firm		0-4.1 0ppm
				4.1-5.0 Gray silty clay moist firm		4.1-5.0 5ppm
5				5.0-6.2 Missing		
				6.2-7.8 Mottled gray to dark brown silty clay moist firm		6.2-7.8 7ppm
				7.8-8.5 Mottled light gray to light brown silty clay moist firm		7.8-8.5 5ppm
				8.5-10.0 Light brown silty clay moist firm		8.5-10.0 1ppm
10				10.0-15.0 Mottled light brown gray silty clay moist yet crumbly		10.0-15.0 22ppm
				15.0-16.0 Same		
				16.0-16.4 Light gray silty fine grained sand poorly sorted wet	CL	15.0-16.0 150ppm 16.0-16.4 100ppm SM
				16.4-18.1 Mottled light gray brown silty clay moist firm	CL	16.4-18.1 150ppm
				18.1-20 Light brown gray silty sandy gravel poorly sorted angular to subangular (weathered limestone)	GP-GM	18.1-20 150ppm
20				20.0-31.0 No sample		
25						



FOSTER WHEELER ENVIRESPONSE, INC.

BORING LOG

PROJECT NAME	Amoco Neodesha		
PROJECT LOCATION	Neodesha, KS		
LOGGED BY	Stephen P. Catlin	DRILLED BY	PSI
WELL NUMBER	MW-40	PROJECT NUMBER	4-31-00-1021
SURFACE ELEVATION	807.20	ELEVATION DATUM	NGVD
SHEET	2 OF 2	WATER ENTERS	
DATE	11-30-90	RIG	CME 75

DEPTH	SAMPLE			DESCRIPTION	U.S.C.	SPECIAL NOTES AND OBSERVATIONS
	TYPE	RECOVERY	RQD			
30	NX-1	97/120 81%	(1)	21.0-31.0 21 to 24.9 Light brown sandstone dense poorly sorted. 24.9 to 31 Light gray sandstone dense poorly sorted	SS	
35						Depth bottom of boring 31'
40						
45						
50						

(1) 63/120
53%

RECEIVED MAR 25 1991

J & L Consultants Inc.

103 W Main P.O. Box 17
Independence, Kansas 67301

Subject: Amoco Refinery Site (Abandoned) Neodesha, Kansas
Survey New Monitoring Wells

January 1991

	Northing Coordinates	Easting Coordinates	Elevation	Identification
1.	19,308.312	9,176.415	835.82	Test Hole B-1 Ground Level
2.	18,983.571	8,944.136	840.58	Test Hole B-2 Ground Level
3.	18,978.692	9,169.460	838.28	Test Hole B-3 Ground Level
4.	14,716.294	8,600.095	788.31	Test Hole S-2 Ground Level
5.	14,686.890	8,529.916	787.90	Test Hole S-3 Ground Level
6.	19,011.940	8,694.026	835.48	M/W # 9-A Top of Pipe
7.	18,993.138	8,687.496**	834.61	M/W # 9-B Top of Pipe
8.	18,841.233	8,149.00	839.05	M/W # 18 Top of Pipe
9.	18,807.133	8,433.018	835.77	M/W # 19 Top of Pipe
10.	18,552.404	8,626.624	829.86	M/W # 20 Top of Pipe
11.	19,013.612	9,451.931	833.76	M/W # 21-A Top of Pipe
12.	19,000.607	9,442.237	834.02	M/W # 21-B Top of Pipe
13.	18,735.498	10,055.172	825.05	M/W # 22-A Top of Pipe
14.	18,728.144	10,051.850	824.54	M/W # 22-B Top of Pipe
15.	19,168.233	10,300.173	824.82	M/W # 23 Top of Pipe
16.	17,731.441	8,833.177	817.93	M/W # 24 Top of Pipe
17.	17,717.538	9,369.934	820.77	M/W # 25 Top of Pipe
18.	17,737.594	10,051.363	816.54*	M/W # 26 Top of Pipe
19.	17,192.385	8,823.141	820.10	M/W # 27 Top of Pipe
20.	17,201.943	9,415.466	819.00	M/W # 28 Top of Pipe
21.	16,850.482	9,988.622	813.63	M/W # 29 Top of Pipe
22.	16,696.826	7,858.611	805.54	M/W # 30 Top of Pipe
23.	16,560.715	8,792.688	813.11	M/W # 31 Top of Pipe
24.	16,112.792	8,257.744	806.36	M/W # 32 Top of Pipe
25.	16,143.748	9,991.266	808.60	M/W # 33 Top of Pipe
26.	15,063.353	8,201.358	797.41	M/W # 34 Top of Pipe
27.	15,237.476	8,498.014	799.35	M/W # 35 Top of Pipe
28.	14,865.538**	8,681.597	795.37	M/W # 36 Top of Pipe
29.	14,925.684	9,028.797	804.52	M/W # 37 Top of Pipe
30.	14,429.509	8,472.962	798.80	M/W # 38 Top of Pipe
31.	14,052.933	8,641.025	799.84	M/W # 39 Top of Pipe
32.	14,097.080	9,583.286	809.20	M/W # 40 Top of Pipe
33.	14,573.136	9,989.725	811.22	M/W # 41 Top of Pipe
34.	15,274.570	9,103.485	802.69	M/W # 42 Top of Pipe
35.	15,866.456	8,964.227	808.88	M/W # 43 Top of Pipe
28.	19,765.483	9,763.260		Pipeline Marker
29.	13,143.239	10,273.197		Intersection of 11th and Main Streets
30.	15,290.448	10,304.317		Center of 11th Street
31.	17,112.300	10,100.205		S.E. Corner of Section 18-30-16
32.	18,432.588	10,118.441		S.E. Corner of the NE1/4, SE1/4 Section 18-30-16
33.	19,756.224	10,135.761		N.E. Corner of SE1/4 Section 18-30-16

NOTE: * Revised 8 March, 1991

NOTE: ** Revised 12 March, 1991

Top of Protector

	Northing Coordinates	Easting Coordinates	Elevation	Identification
1.	19,011.940	8,694.026	835.89	M/W # 9-A Top of Protector
2.	18,993.138	8,687.496**	835.05	M/W # 9-B Top of Protector
3.	18,841.233	8,149.00	839.44	M/W # 18 Top of Protector
4.	18,807.133	8,433.018	836.19	M/W # 19 Top of Protector
5.	18,552.404	8,626.624	830.33	M/W # 20 Top of Protector
6.	19,013.612	9,451.931	834.17	M/W # 21-A Top of Protector
7.	19,000.607	9,442.237	834.43	M/W # 21-B Top of Protector
8.	18,735.498	10,055.172	825.38	M/W # 22-A Top of Protector
9.	18,728.144	10,051.850	824.99	M/W # 22-B Top of Protector
10.	19,168.233	10,300.173	825.21	M/W # 23 Top of Protector
11.	17,731.441	8,833.177	818.28	M/W # 24 Top of Protector
12.	17,717.538	9,369.934	821.07	M/W # 25 Top of Protector
13.	17,737.594	10,051.363	816.84*	M/W # 26 Top of Protector
14.	17,192.385	8,823.141	820.42	M/W # 27 Top of Protector
15.	17,201.943	9,415.466	819.31	M/W # 28 Top of Protector
16.	16,850.482	9,988.622	814.00	M/W # 29 Top of Protector
17.	16,696.826	7,858.611	805.96	M/W # 30 Top of Protector
18.	16,560.715	8,792.688	813.42	M/W # 31 Top of Protector
19.	16,112.792	8,257.744	806.79	M/W # 32 Top of Protector
20.	16,143.748	9,991.266	809.05	M/W # 33 Top of Protector
21.	15,063.353	8,201.358	797.76	M/W # 34 Top of Protector
22.	15,237.476	8,498.014	799.78	M/W # 35 Top of Protector
23.	14,865.538**	8,681.597	795.71	M/W # 36 Top of Protector
24.	14,925.684	9,028.797	804.92	M/W # 37 Top of Protector
25.	14,429.509	8,472.962	799.18	M/W # 38 Top of Protector
26.	14,052.933	8,641.025	800.24	M/W # 39 Top of Protector
27.	14,097.080	9,583.286	809.61	M/W # 40 Top of Protector
28.	14,573.136	9,989.725	811.61	M/W # 41 Top of Protector
29.	15,274.570	9,103.485	803.04	M/W # 42 Top of Protector
30.	15,866.456	8,964.227	809.32	M/W # 42 Top of Protector

Top of Concrete

	Northing Coordinates	Easting Coordinates	Elevation	Identification
1.	19,011.940	8,694.026	832.99	M/W # 9-A Top of Concrete
2.	18,993.138	8,687.496**	832.07	M/W # 9-B Top of Concrete
3.	18,841.233	8,149.00	837.27	M/W # 18 Top of Concrete
4.	18,807.133	8,433.018	833.98	M/W # 19 Top of Concrete
5.	18,552.404	8,626.624	828.03	M/W # 20 Top of Concrete
6.	19,013.612	9,451.931	831.94	M/W # 21-A Top of Concrete
7.	19,000.607	9,442.237	832.22	M/W # 21-B Top of Concrete
8.	18,735.498	10,055.172	823.10	M/W # 22-A Top of Concrete
9.	18,728.144	10,051.850	822.82	M/W # 22-B Top of Concrete
10.	19,168.233	10,300.173	822.95	M/W # 23 Top of Concrete
11.	17,731.441	8,833.177	815.99	M/W # 24 Top of Concrete
12.	17,717.538	9,369.934	819.16	M/W # 25 Top of Concrete
13.	17,737.594	10,051.363	814.58*	M/W # 26 Top of Concrete
14.	17,192.385	8,823.141	818.19	M/W # 27 Top of Concrete
15.	17,201.943	9,415.466	817.16	M/W # 28 Top of Concrete
16.	16,850.482	9,988.622	812.04	M/W # 29 Top of Concrete
17.	16,696.826	7,858.611	803.62	M/W # 30 Top of Concrete
18.	16,560.715	8,792.688	811.27	M/W # 31 Top of Concrete
19.	16,112.792	8,257.744	804.42	M/W # 32 Top of Concrete
20.	16,143.748	9,991.266	806.98	M/W # 33 Top of Concrete
21.	15,063.353	8,201.358	795.52	M/W # 34 Top of Concrete
22.	15,237.476**	8,498.014	797.54	M/W # 35 Top of Concrete
23.	14,865.538	8,681.597	793.52	M/W # 36 Top of Concrete
24.	14,925.684	9,028.797	802.82	M/W # 37 Top of Concrete
25.	14,429.509	8,472.962	796.97	M/W # 38 Top of Concrete
26.	14,052.933	8,641.025	798.07	M/W # 39 Top of Concrete
27.	14,097.080	9,583.286	807.59	M/W # 40 Top of Concrete
28.	14,573.136	9,989.725	809.57	M/W # 41 Top of Concrete
29.	15,274.570	9,103.485	800.91	M/W # 42 Top of Concrete
30.	15,866.456	8,964.227	807.44	M/W # 42 Top of Concrete