BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

PEORIA DISPOSAL COMPANY	)	
	)	
Petitioner,	)	
	)	
v.	)	
	)	PCB 14-28
THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,	)	(NPDES Permit Appeal)
	)	
Respondent,	)	
	)	

NOTICE OF FILING

TO: See Attached Service List

PLEASE TAKE NOTICE that today I have filed with the Office of the Clerk of the Illinois Pollution Control Board the attached **Motion for Leave to File Reduced Number of Copies of Record** and **Administrative Record**, copies of which is attached and hereby served upon you.

Respectfully submitted,

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: _____

Thomas H. Shepherd
Assistant Attorney General
Illinois Attorney General's Office
Environmental Bureau
69 West Washington Street, 18th Floor
Chicago, Illinois 60602
(312) 814-5361

DATE: November 18, 2013

THIS FILING IS SUBMITTED ON RECYCLED PAPER

SERVICE LIST

Carol Webb
Hearing Officer
Illinois Pollution Control Board
1021 North Grand Avenue East
P.O. Box 19274
Springfield, Illinois 62794-9274
(Hard Copy and 1 CD)

John Therriault
Assistant Clerk
Illinois Pollution Control Board
James R. Thompson Center
100 W. Randolph Street, Suite 11-500
Chicago, IL 60601
(Hard Copy and 3 CDs)

Brian J. Meginnes, Esq.
Janaki Nair, Esq.
Elias, Meginnes, Riffle & Seghetti, P.C.
416 Main Street, Suite 1400
Peoria, Illinois 61602
(Hard Copy and 1 CD)

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

PEORIA DISPOSAL COMPANY Petitioner, v. THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, Respondent,	)	PCB 14-28 (NPDES Permit Appeal)

MOTION FOR LEAVE TO FILE REDUCED NUMBER OF COPIES OF RECORD

NOW COMES, Respondent, THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, and moves for leave to file a reduced number of copies of the administrative record in this matter, and states as follows:

1. Section 101.302(h)(2) of the Board's Procedural Rules, 35 Ill. Adm. Code 101.302(h)(2), states that the Illinois EPA is to file a signed original and four duplicate copies of the record.

2. The record in this matter consists of 161 pages. Physical duplication of the record would be both time-consuming and a strain on State resources. For these reasons, plus the ability to include an electronic copy of the entire record on disk, Respondent requests the Board's consideration of a reduction in the number of hard copies required.

3. Communication with the Board Clerk's Office indicated that the Board may be agreeable to accepting an original and three duplicate copies on compact discs, in lieu of the required original and four duplicate hard copies.

WHEREFORE, on the foregoing grounds and for the foregoing reasons, Respondent respectfully requests leave to file a reduced number of copies, that being an original and three

duplicate copies on compact disc, of the record in this matter.

Respectfully submitted,

ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY

By: _____

Thomas H. Shepherd
Assistant Attorney General
Illinois Attorney General's Office
Environmental Bureau
69 West Washington Street, 18th Floor
Chicago, Illinois 60602
(312) 814-5361

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

PEORIA DISPOSAL COMPANY	)	
	)	
Petitioner,	)	
	)	
v.	)	
	)	PCB 14-28
THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,	)	(NPDES Permit Appeal)
	)	
	)	
Respondent,	)	
	)	

ADMINISTRATIVE RECORD

Respectfully submitted,

ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY

By: _____

Thomas H. Shepherd
Assistant Attorney General
Illinois Attorney General's Office
Environmental Bureau
69 West Washington Street, 18th Floor
Chicago, Illinois 60602
(312) 814-5361

PDC Technical Services, Inc.
4349 Southport Road, P.O. Box 9071
Peoria, Illinois 61615
309.676.4893
www.pdcarea.com

PDC Project No. 91-0143

IEPA EXHIBIT
No. 1

April 2, 2012

Mr. Alan Keller, P.E.
Manager Permit Section
Division of Water Pollution Control – Permit Section
Illinois Environmental Protection Agency (IEPA)
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62702

Re: Individual NPDES Permit No. *IL0064777* Permit Renewal
EPA ID No. 1438120003
Peoria Disposal Company, Inc.
Peoria County

Dear Mr. Keller:

On behalf of Peoria Disposal Company (PDC1), PDC Technical Services, Inc. is submitting this permit renewal application plus one additional copy. The Consolidated Permits Program Form 1 General Information is provided as Attachment 1, and Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity Form 2F is provided as Attachment 2. The permit renewal application is required to be submitted within 180 days (April 3, 2012) of the existing permit's renewal date (September 30, 2012).

Due to the lack of a qualifying storm event, new storm water run-off samples have yet to be collected from Outfalls 002, 004, 006, and 007 in conjunction with Application Form 2F, Part VII. Samples will be collected and analyzed for the constituents listed on Form 2F-Section VII Parts A and B once a qualifying storm water event occurs. Runoff estimates per Part VII. Part D will be calculated either using the Rational Method or the TR-55 Method. Upon receipt of analytical results, revised Form 2F pages VII-1 and VII-2 will be submitted.

Qualitative analytical data results dated 1992 and 1998 from previous permit application submittals are included in Attachment 2. The 1998 analytical results obtained from the Outfall 006 sample were representative of Outfall 004.

Outfalls 002 (drainage areas E, F and O) and Outfall 004 (drainage areas D, L, M, and N) are similar in nature in that they receive only non-contact storm water from areas near the landfill. Outfall 006 receives storm water from Area A, which ceased landfilling operations in 1996. Closure activities were completed in Area A by 1999. Due to modifications in storm water drainage patterns, a new outfall (007) has been added. The drainage to Outfall 007 includes the

following: the office building, and parking areas, entrance road (asphalt), gate control, maintenance shop area, and the waste treatment building area. Additional details of the facility operations associated are detailed in Exhibit 2F-IV. B.

We trust that this letter and attachments provide the information needed to renew the existing permit. Please contact the undersigned at (309) 495-1547 if you have any questions, comments, or if any addition information is required.

Sincerely,

PDC Technical Services, Inc.
Ill. Professional Design Firm 184-001145

William N. Bicher, P.E.
Senior Engineer

Enclosures: Attachment 1 – Consolidated Permits Program Form 1 General Information
Attachment 2 – Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity: Form 2F

cc: Ron Welk
file copy

t:\projects\91-0143 pdc 1\permitting\2012\npdes permit renewal 2012\pdc1 npdes app 04022012.doc

Region 6-26-13

Please print or type in the unshaded areas only. Form Approved. OMB No. 2040-0086.

FORM 1 GENERAL — EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

S		T/A	C
F	ILD000805812		D

LABEL ITEMS

I. EPA I.D. NUMBER

III. FACILITY NAME

V. FACILITY MAILING ADDRESS

VI. FACILITY LOCATION

PLEASE PLACE LABEL IN THIS SPACE

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI *(except VI-B which must be completed regardless)*. Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold-faced terms.**

SPECIFIC QUESTIONS	YES	NO	FORM ATTACHED	SPECIFIC QUESTIONS	YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a **discharge** to **waters of the U.S.**? (FORM 2A)		X		B. Does or will this facility *(either existing or proposed)* include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a **discharge** to **waters of the U.S.**? (FORM 2B)		X	
	16	17	18		19	20	21
C. Is this a facility which currently results in **discharges** to **waters of the U.S.** other than those described in A or B above? (FORM 2C) (Form 2F)	X		X	D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge** to **waters of the U.S.**? (FORM 2D)		X	
	22	23	24		25	26	27
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3)	X		No	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
	28	29	30		31	32	33
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
	34	35	36		37	38	39
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area**? (FORM 5)		X	
	40	41	42		43	44	45

III. NAME OF FACILITY

C 1 SKIP — Peoria Disposal Company

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*
C 2 Ronald J. Welk, Vice President	(309) 495-1551

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

C 3 4700 N. Sterling, Ave., P.O. Box 9071

B. CITY OR TOWN	C. STATE	D. ZIP CODE
C 4 Peoria	IL	61612

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE
OCT 21 2013
REVIEWER LAV

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

C 5 4349 Southport Road

B. COUNTY NAME

Peoria

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE *(if known)*
C 6 Peoria	IL	61615	

EPA Form 3510-1 (8-90)

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

VII. SIC CODES *(4-digit, in order of priority)*

A. FIRST	B. SECOND
9511 (specify) Air, Water & Soil Waste Management	(specify)
C. THIRD	**D. FOURTH**
(specify)	(specify)

VIII. OPERATOR INFORMATION

A. NAME	B. Is the name listed in Item VIII-A also the owner?
Peoria Disposal Company	☑ YES ☐ NO

C. STATUS OF OPERATOR *(Enter the appropriate letter into the answer box: if "Other," specify.)*	D. PHONE *(area code & no.)*
F = FEDERAL, S = STATE, P = PRIVATE, M = PUBLIC *(other than federal or state)*, O = OTHER *(specify)* — P (specify)	A (309) 495-1551

E. STREET OR P.O. BOX

4349 Southport Road

F. CITY OR TOWN	G. STATE	H. ZIP CODE	IX. INDIAN LAND
Peoria	IL	61615	Is the facility located on Indian lands? ☐ YES ☑ NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES *(Discharges to Surface Water)*	D. PSD *(Air Emissions from Proposed Sources)*
9 N IL006477	9 P None.
B. UIC *(Underground Injection of Fluids)*	**E. OTHER *(specify)***
9 U None.	9 143808AAN / 06-1655 (specify) Air Emissions / Wastewater Discharge
C. RCRA *(Hazardous Wastes)*	**E. OTHER *(specify)***
9 R PART B LOG 24R	9 1974-36-OP (specify) IEPA Landfill Permit

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS *(provide a brief description)*

A hazardous and non-hazardous waste hauling, treatment and disposal company.

XIII. CERTIFICATION *(see instructions)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE *(type or print)*	B. SIGNATURE	C. DATE SIGNED
Ronald J. Welk Vice President	Ronald J Welk	04-02-2012

COMMENTS FOR OFFICIAL USE ONLY

C

EPA Form 3510-1 (8-90)

Please print or type in the unshaded areas only.

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

FORM 2F NPDES

U.S. Environmental Protection Agency
Washington, DC 20460

Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

I. Outfall Location

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. Outfall Number (*list*)	B. Latitude			C. Longitude			D. Receiving Water (*name*)
Outfall 002	40.00	43.00	10.70	89.00	39.00	29.80	Unnamed Tributary of Kickapoo Creek
Outfall 004	40.00	43.00	20.70	89.00	39.00	3.20	Unnamed Tributary of Kickapoo Creek
Outfall 006	40.00	43.00	40.70	89.00	39.00	31.40	Unnamed Tributary of Kickapoo Creek
Outfall 007	40.00	43.00	17.40	89.00	39.00	38.20	Unnamed Tributary of Kickapoo Creek

II. Improvements

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

1. Identification of Conditions, Agreements, Etc.	2. Affected Outfalls		3. Brief Description of Project	4. Final Compliance Date	
	number	source of discharge		a. req.	b. proj.
None.					

B: You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfalls(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage of disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which received storm water discharges from the facility.

000005

Continued from the Front

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of imperious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
002	7.1 acres	59.37 acres			
004	0 sq. ft.	41.84 acres			
006	2,254 sq. ft.	36.77 acres			
007	1.26 acres	4.63 acres			

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas, and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

002,004,006: Perimeter storm water channels divert non-contact storm water runoff away from the landfill, which is captured in flow through sedimentation basins, which enable sediments to settle out prior to discharge.

007 This is a heavy equipment maintenance and diesel fueling area. It also used as a staging area for miscellaneous construction materials such as iron and plastic piping, concrete prefabbed manhole sections and HDPE liners for the landfill. The building also house our employee facilities and the paved area is the employee parking lot. The area also contains a gasoline storage and refueling tank.

Approximately 3 acres of the west section are fertilized and weed controlled (3 applications per year). This procedure started in (1992).
See Form 2F, Exhibit IV. B. Additional information related to site activities including a Material inventory.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
002	Sedimentation Basin, Grass Lined Channels, and Filter Strips will reduce Suspended Solids, and Culverts.	1-U/4-A
004	Sedimentation Basin, Grass Lined Channels, and Filter Strips will reduce Suspended Solids.	1-U/4-A
006	Sedimentation Basin, Grass Lined Channels, and Filter Strips will reduce Suspended Solids. Storm water inlet drop structure into discharge culvert.	1-U/4-A
007	Grass lined and Fabric Formed Concrete Channels.	4-A

V. Nonstormwater Discharges

A. I certify under penalty of law hat the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharged from these outfall(s) are identified in either an accompanying Form 2C or From 2E application for the outfall.

Name and Official Title (type or print)	Signature	Date Signed
Ronald J. Welk, Vice President	Ronald J Welk	04-02-2012

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

The undersigned certifies that all known discharges have been evaluated for the presence of non-storm water discharges. The evaluation has included identifying and reviewing all processes that generate wastewater, including reviewing all applicable drawings and construction records. Based on this review, to the best of one's knowledge and belief, the undersigned certifies that there are no unauthorized non-storm water discharges.

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

No significant leaks or spills have occurred during the last 3 years.

Continued from Page 2

EPA ID Number *(copy from Item 1 of Form 1)*
1790305011

Outfall 002

VII. Discharge Information

A, B, C, & D: See instructions before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided. Table VII-A, VII-B, VII-C are included on separate sheets numbers VII-1 and VII-2.

E. Potential discharges not covered by analysis – is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ Yes (*list all such pollutants below*) ☑ No (*go to Section IX*)

VIII. Biological Toxicity Testing Data

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ Yes (*list all such pollutants below*) ☑ No (*go to Section IX*)

IX. Contract Analysis Information

Were any of the analyses reported in Item VII performed by a contract laboratory or consulting firm?

☑ Yes (*list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below*) ☐ No (*go to Section X*)

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
PDC Laboratories	2231 West Altofer Drive Peoria, Illinois 61615	(309)692-9688	(TBD) Total Metals: Arsenic, Barium, Boron, Cadmium, Chromium, Lead, Mercury, Selenium, Silver. (TBD) Oil & Grease, BOD, COD, TSS, Total Nitrogen, Total Phosphorous, and pH. See Exhibit 2F-C for 1992 and 1998 analytical results for

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name & Official Title (*Type Or Print*)	B. Area Code and Phone No.
Ronald J. Welk, Vice President	(309) 495-1551
C. Signature	D. Date Signed
Ronald J. Welk	04-02-2012

000007

VII. Discharge Information

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☐ Yes (*list all such pollutants below*) ☑ No (*go to Section IX*)

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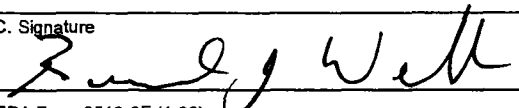
A. Name & Official Title (*Type Or Print*)	B. Area Code and Phone No.
Ronald J. Welk, Vice President	(309) 495-1551
C. Signature 	D. Date Signed 04-02-2012

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Table VII-A, VII-B, VII-C are included on separate sheets numbers VII-1 and VII-2.

E. Potential discharges not covered by analysis – is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ Yes (*list all such pollutants below*) ☑ No (*go to Section IX*)

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A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
PDC Laboratories	2231 West Altofer Drive Peoria, Illinois 61615	(309)692-9688	(TBD) Total Metals: Arsenic, Barium, Boron, Cadmium, Chromium, Lead, Mercury, Selenium, Silver. (TBD) Oil & Grease, BOD, COD, TSS, Total Nitrogen, Total Phosphorous, and pH. See Exhibit 2F-C for 1992 and 1998 analytical results for

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name & Official Title (*Type Or Print*)	B. Area Code and Phone No.
Ronald J. Welk, Vice President	(309) 495-1551
C. Signature	D. Date Signed
Ronald J Welk	04-02-2012

VII. Discharge Information

A, B, C, & D: See instructions before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided.
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☐ Yes (*list all such pollutants below*) ☑ No (*go to Section IX*)

VIII. Biological Toxicity Testing Data

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ Yes (*list all such pollutants below*) ☑ No (*go to Section IX*)

IX. Contract Analysis Information

Were any of the analyses reported in Item VII performed by a contract laboratory or consulting firm?

☑ Yes (*list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below*) ☐ No (*go to Section X*)

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
PDC Laboratories	2231 West Altofer Drive Peoria, Illinois 61615	(309)692-9688	(TBD) Total Metals: Arsenic, Barium, Boron, Cadmium, Chromium, Lead, Mercury, Selenium, Silver. (TBD) Oil & Grease, BOD, COD, TSS, Total Nitrogen, Total Phosphorous, and pH.

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name & Official Title (*Type Or Print*)	B. Area Code and Phone No.
Ronald J. Welk, Vice President	(309) 495-1551
C. Signature: Ronald J Welk	D. Date Signed: 04-02-2012

Outfall 002

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	TBD	N/A	TBD	TBD		Vehicle Traffic, Maintenance, &
Biological Oxygen Demand (BOD5)	TBD	TBD	TBD	TBD		Landfilling Operations.
Chemical Oxygen Demand (COD)	TBD	TBD	TBD	TBD		
Total Suspended Solids (TSS)	TBD	TBD	TBD	TBD		
Total Nitrogen	TBD	TBD	TBD	TBD		
Total Phosphorus	TBD	TBD	TBD	TBD		
pH	Minimum TBD	Maximum TBD	Minimum TBD	Maximum TBD		

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Arsenic	TBD	TBD	TBD	TBD		Landfilling Operations.
Barium	TBD	TBD	TBD	TBD		Landfilling Operations.
Boron	TBD	TBD	TBD	TBD		Landfilling Operations.
Cadmium	TBD	TBD	TBD	TBD		Landfilling Operations.
Chromium	TBD	TBD	TBD	TBD		Landfilling Operations.
Lead	TBD	TBD	TBD	TBD		Landfilling Operations.
Mercury	TBD	TBD	TBD	TBD		Landfilling Operations.
Silver	TBD	TBD	TBD	TBD		Landfilling Operations.
Selenium	TBD	TBD	TBD	TBD		Landfilling Operations.

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
N/A						

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
TBD	TBD	TBD	TBD	TBD	TBD

7. Provide a description of the method of flow measurement or estimate.

TR-55 Runoff Method or Rational Method: Based on Watershed Area and Rainfall event.

Outfall 004

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	TBD	N/A	TBD	TBD		Vehicle Traffic, Maintenance, &
Biological Oxygen Demand (BOD5)	TBD	TBD	TBD	TBD		Landfilling Operations.
Chemical Oxygen Demand (COD)	TBD	TBD	TBD	TBD		
Total Suspended Solids (TSS)	TBD	TBD	TBD	TBD		
Total Nitrogen	TBD	TBD	TBD	TBD		
Total Phosphorus	TBD	TBD	TBD	TBD		
pH	Minimum TBD	Maximum TBD	Minimum TBD	Maximum TBD		

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Arsenic	TBD	TBD	TBD	TBD		Landfilling Operations.
Barium	TBD	TBD	TBD	TBD		Landfilling Operations.
Boron	TBD	TBD	TBD	TBD		Landfilling Operations.
Cadmium	TBD	TBD	TBD	TBD		Landfilling Operations.
Chromium	TBD	TBD	TBD	TBD		Landfilling Operations.
Lead	TBD	TBD	TBD	TBD		Landfilling Operations.
Mercury	TBD	TBD	TBD	TBD		Landfilling Operations.
Silver	TBD	TBD	TBD	TBD		Landfilling Operations.
Selenium	TBD	TBD	TBD	TBD		Landfilling Operations.

000013

Outfall 004

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
N/A						

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
TBD	TBD	TBD	TBD	TBD	TBD

7. Provide a description of the method of flow measurement or estimate.

TR-55 Runoff Method or Rational Method: Based on Watershed Area and Rainfall event.

Outfall 006

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	TBD	N/A	TBD	TBD		Vehicle Traffic, Maintenance, &
Biological Oxygen Demand (BOD5)	TBD	TBD	TBD	TBD		Landfilling Operations.
Chemical Oxygen Demand (COD)	TBD	TBD	TBD	TBD		
Total Suspended Solids (TSS)	TBD	TBD	TBD	TBD		
Total Nitrogen	TBD	TBD	TBD	TBD		
Total Phosphorus	TBD	TBD	TBD	TBD		
pH	Minimum TBD	Maximum TBD	Minimum TBD	Maximum TBD		

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Arsenic	TBD	TBD	TBD	TBD		Landfilling Operations.
Barium	TBD	TBD	TBD	TBD		Landfilling Operations.
Boron	TBD	TBD	TBD	TBD		Landfilling Operations.
Cadmium	TBD	TBD	TBD	TBD		Landfilling Operations.
Chromium	TBD	TBD	TBD	TBD		Landfilling Operations.
Lead	TBD	TBD	TBD	TBD		Landfilling Operations.
Mercury	TBD	TBD	TBD	TBD		Landfilling Operations.
Silver	TBD	TBD	TBD	TBD		Landfilling Operations.
Selenium	TBD	TBD	TBD	TBD		Landfilling Operations.

000015

Continued from the Front

Outfall 006

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
N/A						

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
TBD	TBD	TBD	TBD	TBD	TBD

7. Provide a description of the method of flow measurement or estimate.

TR-55 Runoff Method or Rational Method: Based on Watershed Area and Rainfall event.

Outfall 007

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	TBD	N/A	TBD	TBD		Vehicle Traffic, Maintenance, &
Biological Oxygen Demand (BOD5)	TBD	TBD	TBD	TBD		Landfilling Operations.
Chemical Oxygen Demand (COD)	TBD	TBD	TBD	TBD		
Total Suspended Solids (TSS)	TBD	TBD	TBD	TBD		
Total Nitrogen	TBD	TBD	TBD	TBD		
Total Phosphorus	TBD	TBD	TBD	TBD		
pH	Minimum TBD	Maximum TBD	Minimum TBD	Maximum TBD		

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Arsenic	TBD	TBD	TBD	TBD		Landfilling Operations.
Barium	TBD	TBD	TBD	TBD		Landfilling Operations.
Boron	TBD	TBD	TBD	TBD		Landfilling Operations.
Cadmium	TBD	TBD	TBD	TBD		Landfilling Operations.
Chromium	TBD	TBD	TBD	TBD		Landfilling Operations.
Lead	TBD	TBD	TBD	TBD		Landfilling Operations.
Mercury	TBD	TBD	TBD	TBD		Landfilling Operations.
Silver	TBD	TBD	TBD	TBD		Landfilling Operations.
Selenium	TBD	TBD	TBD	TBD		Landfilling Operations.

000017

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
N/A						

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
TBD	TBD	TBD	TBD	TBD	TBD

7. Provide a description of the method of flow measurement or estimate.

TR-55 Runoff Method or Rational Method: Based on Watershed Area and Rainfall event.

EXHIBIT 2F – IV. B – FACILITY OPERATIONS

Application for Permit to Discharge Storm Water Associated with Industrial Activity
Peoria Disposal Company No. 1

Peoria Disposal Company owns and operates a hazardous and nonhazardous special waste landfill, a waste treatment facility, and a non-hazardous wastewater treatment plant. A description of the various site activities, identification of expected significant materials that will be treated, stored or disposed in a manner to allow exposure to storm water, and a description of the storm water controls for each facility area are provided below.

Landfill Areas

The majority of the landfill has been closed and has received vegetated final cover. Current landfill activities are limited to a portion of Drainage Area E. The majority of landfill areas E, N, and O have installed final cover, but still require final grading and vegetation. Approximately 13.4 acres have yet to receive final cover in Drainage Areas E and N.

It is anticipated that final closure will occur in 2013/14. Exhibit 2F-III: A illustrates the site location and all known water supply wells within one mile of the facility permit boundary. Exhibit 2F-III: B illustrates the site drainage patterns/areas, ground cover, sedimentation basins and designated outfall locations. Exhibit 2F-III: C illustrates details of the waste stabilization facility, Waste Water Treatment Plant (WWTP), and maintenance building areas.

Wastes are transported in covered trucks to either the hazardous waste stabilization treatment facility, if treatment is required, or directly to the active landfill disposal area. The waste materials are then discharged at the active disposal area, graded, and compacted. The waste is covered at the end of each operating day with at least 6-inches of clean soil or a geotextile specifically designed for landfill cover. The "daily cover" is thickened to at least 12-inches of random fill clean soil in areas where waste placement will not occur for 60 days or more or the waste fill-height is ready for final cover. Final cover includes 18-inches of compacted clay fill above the 12-inches random fill; 3 layers of geosynthetics: 60 mil HDPE Geomembrane, Geonet, and Geotextile; 24-inches random fill; and 12-inches of topsoil. Final cover will be placed over the landfill in stages as portions of the landfill have been filled to the maximum grades allowed. The final cover will be vegetated with grass.

The daily, intermediate and final covers ensure that storm water only contacts waste within the active disposal area. The active disposal area is limited to less than ½ acre within the landfill cell. During wet weather, earth berms constructed of clean soil are placed along the perimeter of the active disposal area to prevent run-off and to minimize run-on. Contact storm water (i.e. storm water that contacts waste) is allowed to infiltrate into the landfill. Infiltration water that percolates through the waste is collected as leachate. Leachate is collected and piped to either Tank T-4 (Trench C-1 leachate generation only), or to the surface impoundment. Leachate is subsequently transferred to the onsite WWTP for pre-treatment and subsequently discharged to the Greater Peoria Sanitary District (GPSD) for final treatment. The storm water and leachate management procedures that are in place ensure that storm water that contacts waste is appropriately managed and does not run off the facility.

A summary of the watersheds for each outfall is provided in Table 1.

Table 1 – Outfall Watersheds

OUTFALL	DRAINAGE AREAS*	TOTAL WATERSHED AREA (Acres)	SURFACE CONDITIONS		
			VEGETATED** (Acres)	BARE EARTH (Acres)	IMPERVIOUS (Acres)
002	E, F, & O	59.37	26.23	27.59	5.55
004	D, M, & N	39.11	37.12	1.99	---
006	A	36.77	36.72	---	0.05
007	J	4.63	3.37	---	1.26

* Drainage Areas are illustrated in Exhibit 2F-III B.

** Vegetated: Dense Vegetation and/or Grass
Bare Earth: Open Soil + Gravel
Impervious: Asphalt, Concrete, and Buildings

A settling basin is present at Outfalls 002, 004, and 006. The three settling basins are flow through basins, which are designed to retain collected runoff for a sufficient amount of time to allow the water to clear prior to discharge. The southern settling basin discharges to Outfall No. 002; the eastern settling basin discharges to Outfall 004, and the northern settling basin discharges to Outfall No. 006. Storm water flow from Outfalls 002, 004, and 006 ultimately discharge into tributaries of Kickapoo Creek and hence into Kickapoo Creek.

The settling basins have provisions to accumulate sediment without affecting their utility. Accumulated sediment is removed from the settling basins on an as-needed basis. Removed sediment is used / placed within either detention basin watershed and allowed to dry.

The landfill incorporates various other erosion control practices including: silt fences, straw bales, erosion control blankets, vegetation, and riprap.

Landfill equipment is typically refueled directly from a tanker truck positioned within the landfill waste boundary. Any fuel spillage would be fully contained by the detention basins and will be promptly removed and properly disposed.

Operations Area

The Operations Area includes the maintenance building, office building, waste stabilization facility, waste water treatment plant, parking areas, gasoline storage / refueling area, truck scale, and scale house (gate control). Areas including and surrounding, the maintenance building, truck scale, scale house (gate control), refueling areas, and parking areas drain to Outfall 007. Run-off from the WWTP is captured and pumped into the surface impoundment. Run-off from the remaining areas either drains to Outfall 002, or is captured and treated at the WWTP.

The majority of the storm water run-off from the Operations Area flows into a storm water channel along the southern/western edge of the facility entrance road. The channel is lined with grass in reaches with mild slope, riprap in reaches with moderate slope, and fabric-formed concrete in reaches with steep slope. This channel discharges at Outfall 007 located at PDC'S western property boundary. Storm water run-off from this area subsequently travels under Illinois Route 8 and discharges to the Unnamed Tributary to Kickapoo Creek approximately 500 feet west of Outfall 007.

Waste materials are removed from the landfill equipment prior to moving the equipment from the landfill area for maintenance. The removed waste materials are properly disposed in the landfill. Additional cleaning, which includes brushing and pressure washing with clear water (i.e. no detergents) is performed on the concrete surface on the north side of the Waste Stabilization Building. Any debris or significant amounts of mud resulting from equipment cleaning is removed and properly disposed. Equipment washing is conducted in a manner such as to capture all water and directed to the surface impoundment.

Most equipment maintenance is conducted inside the maintenance building; however, some maintenance is performed outside the building. Any spills or leaks of equipment fluids (i.e. oil, grease, fuel, coolant, etc.) are promptly cleaned up and properly disposed. All virgin and used equipment fluids are stored inside the maintenance building. The facility maintains a separate Spill Prevention, Control & Countermeasure (SPCC) Plan.

Two fuel tanks: 2,000 gallons diesel fuel, 500 gallons gasoline are located northwest and west of the maintenance building, respectively. In addition, a 1,500 gallon diesel fuel tank is positioned adjacent to the WWTP. The 2,000 gallon diesel fuel tank is double-walled, whereas the other fuel tanks have secondary containment. The facility also maintains a 200-gallon diesel fuel mobile refueler fuel tank on site to fill the heavy construction equipment in and around the landfill. Exhibit 2F-III: C depicts the location of the fuel tanks. Any spills or leaks of fuel or oil are promptly cleaned up and properly disposed.

Two 75-gallon hydraulic oil tanks are located between the waste stabilization facility and the surface impoundment. Additionally, a back-up electrical generator (Genset), with 600 gallon diesel fuel tank is located southeast of the WWTP.

EXHIBIT 2F – IV. B – SIGNIFICANT MATERIALS INVENTORY

Material	Purpose / Location	Max. Quantity Stored	Quantity Exposed Last 3 Years	Potential Contact w/ Storm Water*	Past Significant Spill or Leak	
					Yes	No
Lime Hydrated	WWTP	4,800 lbs.	- none -	A		X
Diesel Fuel	WWTP	1,500 gal.	- none -	A		X
Peroxide	WWTP	6,000 lbs.	- none -	A		X
Filter Aid	WWTP	4,800 lbs.	- none -	A		X
50% Liquid Alum	WWTP	33,088 lbs.	- none -	B		X
Polymer	WWTP	2,530 lbs.	- none -	B		X
Sulfuric Acid	WWTP	165 gal.	- none -	B		X
Oily Waste Water	WWTP	375,000 gal.	- none -	C		X
Diesel Fuel	WWTP	1500	- none -	A		X
Diesel Fuel	WWTP (Genset)	600	- none -	A		X
Cement	WSF	100 tons	- none -	B		X
Ferrous Sulfate	WSF	60 tons	- none -	B		X
Fly Ash	WSF	135 tons	- none -	B		X
Untreated Hazardous Waste	WSF	200 tons	- none -	B		X
Untreated Hazardous Waste	Roll-Off Storage Area	138.7 cyds.	- none -	A (roll-offs covered)		X
Treated Hazardous Waste	Landfill (Lined areas)	800 tons	- none -	A (rail cars & roll-offs covered)		X
Hydraulic Oil	WSF (drums)	220 gal.	- none -	A		X
Hydraulic Oil	WSF	150 gal.	- none -	A		X
Used Oil	WSF	220 gal.	- none -	B		X

* Potential storm water contact description:

A. Fully enclosed containers stored outside. Any spill exposed to storm water during unloading operations is contained and will be treated as depicted in the facility Contingency Plan.
B. Contact unlikely due to inside storage. Any spill exposed to storm water during operations is contained and will be treated as depicted in the facility Contingency Plan.
C. Outside tank storage. Any spill exposed to storm water would be contained and treated as depicted in the facility Contingency Plan.
D. Outside tank storage with dual containment. Storm water in contact with these tanks drains into the ditch along the west/north side of the facility's entrance road and subsequently offsite.

Exhibit 2F. IV. B. – 1 Materials Inventory *(Continued)*

Safety Kleen 105 Solvent	Maintenance	30 gal.	- none -	B		X
Glycol Antifreeze	Maintenance	110 gal.	- none -	B		X
10W Hydraulic Oil	Maintenance	500 gal.	- none -	B		X
30W Motor (Diesel)	Maintenance	500 gal.	- none -	B		X
Transmission fluid	Maintenance	250 gal.	- none -	B		x
SAE 50W Gear Oil	Maintenance	55 gal.	- none -	B		X
SAE 80W-90 Gear Oil	Maintenance	55 gal.	- none -	B		X
Gen. Duty Grease	Maintenance	400 lbs.	- none -	B		X
Gasoline Eng. Oil 10W-30	Maintenance	55 gal.	- none -	B		X
Hydraulic Oil	Maintenance (drums)	220 gal.	- none -	B		X
Used Oil	Maintenance (drums)	385 gal.	- none -	B		X
Diesel Fuel	Maintenance	2,000 gal.	- none -	D		X
Gasoline	Maintenance	500 gal.	- none -	D		X

* Potential storm water contact description:

A. Fully enclosed containers stored outside. Any spill exposed to storm water during unloading operations is contained and will be treated as depicted in the facility Contingency Plan.
B. Contact unlikely due to inside storage. Any spill exposed to storm water during operations is contained and will be treated as depicted in the facility Contingency Plan.
C. Outside tank storage. Any spill exposed to storm water would be contained and treated as depicted in the facility Contingency Plan.
D. Outside tank storage with dual containment. Storm water in contact with these tanks drains into the ditch along the west/north side of the facility's entrance road and subsequently offsite.

Outfall 002

PDC Laboratories, Inc.

CLIENT Peoria Disposal Company
DATE COLLECTED 09-26-92
DATE RECEIVED 09-28-92
DATE OF REPORT 10-16-92
SAMPLE DESCRIPTION Stormwater Grab

P.O. NUMBER PDC 1
LAB NUMBER 92090932

LAB NUMBER	ANALYSIS	RESULTS	
92090932	COD	31	mg/l
	Total Cyanide	N/A	mg/l
	Nitrate/Nitrite	0.46	mg/l
	Total Nitrogen Kjeldahl	2.6	mg/l
	Oil and Grease	9	mg/l
	pH	7.78	Units
	Total Phenols	N/A	mg/l
	Total Phosphorous	0.68	mg/l
	Total Suspended Solids	574	mg/l
	Total Cadmium	0.019	mg/l
	Chromium	0.20	mg/l
	Copper	0.16	mg/l
	Iron	15.4	mg/l
	Lead	0.31	mg/l
	Mercury	<0.0003	mg/l
	Nickel	0.092	mg/l
	Zinc	1.54	mg/l
	Silver	<0.001	mg/l

N/A = Not analyzed, insufficient sample.

Trace Metals Section Supervisor

John R. Davis
Manager of Quality Assurance

spec-1/saq

000024

P.O. Box 9071 • Peoria, IL 61612-9071 • (309) 676-4893

PDC Laboratories, Inc.

CLIENT Peoria Disposal Company
DATE COLLECTED 09-26-92
DATE RECEIVED 09-28-92
DATE OF REPORT 10-16-92
SAMPLE DESCRIPTION Stormwater Composite

P.O. NUMBER PDC 1
LAB NUMBER 92090933

LAB NUMBER	ANALYSIS	RESULTS	
92090933	COD	12	mg/l
	Total Cyanide	N/A	mg/l
	Nitrate/Nitrite	0.25	mg/l
	Total Nitrogen Kjeldahl	2.0	mg/l
	pH	6.74	Units
	Total Phenols	N/A	mg/l
	Total Phosphorous	0.15	mg/l
	Total Suspended Solids	387	mg/l
	Total Cadmium	0.016	mg/l
	Chromium	0.16	mg/l
	Copper	0.12	mg/l
	Iron	11.2	mg/l
	Lead	0.22	mg/l
	Mercury	<0.0003	mg/l
	Nickel	0.076	mg/l
	Zinc	1.10	mg/l
	Silver	<0.001	mg/l

N/A = Not analyzed, insufficient sample.

Trace Metals Section Supervisor

John R. Davis
Manager of Quality Assurance

spec-1/saq

000025

P.O. Box 9071 • Peoria, IL 61612-9071 • (309) 676-4893

PDC Laboratories, Inc.

EPA Priority Pollutants

CLIENT Peoria Disposal Company
DATE COLLECTED 09-26-92
DATE RECEIVED 09-28-92
DATE OF REPORT 10-16-92
SAMPLE DESCRIPTION Stormwater Grab

P.O. NUMBER PDC 1
LAB NUMBER 92090932

Volatiles: EPA Method 8260 (ug/l)

Date of Analysis 09-30-92
Analyst Initials JSH

Chloromethane	<10
Vinyl Chloride	<10
Bromomethane	<10
Chloroethane	<10
Methylene Chloride	34 (B)
Chloroform	<5
1,1-Dichloroethane	<5
1,2-Dichloroethane	<5
1,1-Dichloroethene	<5
1,2-Dichloropropane	<5
Carbon Tetrachloride	<5
cis-1,3-Dichloropropene	<5
trans-1,3-Dichloropropene	<5
trans-1,2-Dichlorothene	<5
Dibromochloromethane	<5
Bromodichloromethane	<5
1,1,1-Trichloroethane	<5
1,1,2-Trichloroethane	<5
Benzene	<5
Toluene	<5
Trichloroethene	<5
Ethylbenzene	<5
1,1,2,2-Tetrachloroethane	<5
Tetrachloroethene	<5
Chlorobenzene	<5
1,3-Dichlorobenzene	<5
1,2-Dichlorobenzene	<5
1,4-Dichlorobenzene	<5
Bromoform	<5
2-Chloroethylvinylether	<10
Acrolein	<50
Acrylonitrile	<50

Semi-Volatiles: EPA Method 8270 (ug/kg)

Date of Analysis N/A
Analyst Initials N/A

Phenol	N/A
2-Chlorophenol	N/A
2,4-Dimethylphenol	N/A
2,4-Dichlorophenol	N/A
2-Nitrophenol	N/A
4-Nitrophenol	N/A
2,4-Dinitrophenol	N/A
2,4,6-Trichlorophenol	N/A
Pentachlorophenol	N/A
4-Chloro-3-methylphenol	N/A
2-Methyl-4,6-dinitrophenol	N/A
N-nitrosodimethylamine	N/A
Bis(2-chloroethyl)ether	N/A
Bis(2-chloroisopropyl)ether	N/A
N-nitrosodi-n-propylamine	N/A
Hexachloroethane	N/A
Nitrobenzene	N/A
Isophorone	N/A
Bis(2-chloroethoxy)methane	N/A
1,2,4-Trichlorobenzene	N/A
Hexachlorobutadiene	N/A
Hexachlorocyclopentadiene	N/A
2-Chloronaphthalene	N/A
Dimethyl phthalate	N/A
2,6-Dinitrotoluene	N/A
2,4-Dinitrotoluene	N/A
4-Chlorophenyl-phenylether	N/A
4-Bromophenyl-phenylether	N/A
Diethyl phthalate	N/A
Hexachlorobenzene	N/A
N-nitrosodiphenylamine	N/A
1,2-Diphenylhydrazine	N/A

B = Methylene Chloride present in method blank at 20 ug/l.

Trace Organics Section Supervisor

Manager of Quality Assurance

PPLLIST:saq

P.O. Box 9071 • Peoria, IL 61612-9071 • (309) 676-4893

PDC Laboratories, Inc.

EPA Priority Pollutants

CLIENT Peoria Disposal Company
DATE COLLECTED 10-08-92
DATE RECEIVED 10-12-92
DATE OF REPORT 11-02-92
SAMPLE DESCRIPTION Stormwater Grab

P.O. NUMBER PDC 1
LAB NUMBER 92100377

Volatiles: EPA Method 8260 (ug/l)

Date of Analysis 10-13-92
Analyst Initials JSH

Chloromethane	<10
Vinyl Chloride	<10
Bromomethane	<10
Chloroethane	<10
Methylene Chloride	<5
Chloroform	<5
1,1-Dichloroethane	<5
1,2-Dichloroethane	<5
1,1-Dichloroethene	<5
1,2-Dichloropropane	<5
Carbon Tetrachloride	<5
cis-1,3-Dichloropropene	<5
trans-1,3-Dichloropropene	<5
trans-1,2-Dichlorothene	<5
Dibromochloromethane	<5
Bromodichloromethane	<5
1,1,1-Trichloroethane	<5
1,1,2-Trichloroethane	<5
Benzene	<5
Toluene	<5
Trichloroethene	<5
Ethylbenzene	<5
1,1,2,2-Tetrachloroethane	<5
Tetrachloroethene	<5
Chlorobenzene	<5
1,3-Dichlorobenzene	<5
1,2-Dichlorobenzene	<5
1,4-Dichlorobenzene	<5
Bromoform	<5
2-Chloroethylvinylether	<10
Acrolein	<50
Acrylonitrile	<50

Semi-Volatiles: EPA Method 8270 (ug/kg)

Date of Analysis N/A
Analyst Initials N/A

Phenol	N/A
2-Chlorophenol	N/A
2,4-Dimethylphenol	N/A
2,4-Dichlorophenol	N/A
2-Nitrophenol	N/A
4-Nitrophenol	N/A
2,4-Dinitrophenol	N/A
2,4,6-Trichlorophenol	N/A
Pentachlorophenol	N/A
4-Chloro-3-methylphenol	N/A
2-Methyl-4,6-dinitrophenol	N/A
N-nitrosodimethylamine	N/A
Bis(2-chloroethyl)ether	N/A
Bis(2-chloroisopropyl)ether	N/A
N-nitrosodi-n-propylamine	N/A
Hexachloroethane	N/A
Nitrobenzene	N/A
Isophorone	N/A
Bis(2-chloroethoxy)methane	N/A
1,2,4-Trichlorobenzene	N/A
Hexachlorobutadiene	N/A
Hexachlorocyclopentadiene	N/A
2-Chloronaphthalene	N/A
Dimethyl phthalate	N/A
2,6-Dinitrotoluene	N/A
2,4-Dinitrotoluene	N/A
4-Chlorophenyl-phenylether	N/A
4-Bromophenyl-phenylether	N/A
Diethyl phthalate	N/A
Hexachlorobenzene	N/A
N-nitrosodiphenylamine	N/A
1,2-Diphenylhydrazine	N/A

Trace Organics Section Supervisor

Manager of Quality Assurance

PPLLIST:saq

PDC Laboratories, Inc.

CLIENT Peoria Disposal Company
DATE COLLECTED 10-08-92
DATE RECEIVED 10-12-92
DATE OF REPORT 11-02-92
SAMPLE DESCRIPTION Stormwater Grab

P.O. NUMBER PDC 1
LAB NUMBER 92100377

LAB NUMBER	ANALYSIS	RESULTS	
92100377	BOD 5	19	mg/l
	Nitrate/Nitrite	1.5	mg/l
	Oil and Grease	6	mg/l
	pH	6.87	Units
	Total Suspended Solids	362	mg/l
	Hexavalent Chromium	<0.02	mg/l
	Total Cadmium	0.01	mg/l
	Chromium	0.10	mg/l
	Copper	0.10 (B)	mg/l
	Iron	10.2	mg/l
	Lead	0.14	mg/l
	Mercury	<0.0003	mg/l
	Nickel	0.053	mg/l
	Zinc	1.80	mg/l
	Silver	<0.001	mg/l
	Arsenic	0.02	mg/l
	Barium	0.60	mg/l
	Manganese	0.37	mg/l
	Beryllium	<0.001	mg/l
	Selenium	<0.013	mg/l
	Thallium	<0.015	mg/l

B = Constituent also present in the method blank processed with this sample.

Trace Metals Section Supervisor

Manager of Quality Assurance

spec-1/saq

000028

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PDC Laboratories, Inc.

CLIENT Peoria Disposal Company
DATE COLLECTED 10-08-92
DATE RECEIVED 10-12-92
DATE OF REPORT 11-02-92
SAMPLE DESCRIPTION Stormwater Composite

P.O. NUMBER PDC 1
LAB NUMBER 92100378

LAB NUMBER	ANALYSIS	RESULTS	
92100378	BOD 5	31	mg/l
	COD	95	mg/l
	Total Cyanide	0.009	mg/l
	Nitrate/Nitrite	1.4	mg/l
	Total Nitrogen Kjeldahl	3.1	mg/l
	pH	6.94	Units
	Total Phosphorous	0.13	mg/kg
	Total Suspended Solids	320	mg/l
	Total Cadmium	0.018	mg/l
	Chromium	0.15	mg/l
	Copper	0.13 (B)	mg/l
	Iron	11.4	mg/l
	Lead	0.25	mg/l
	Mercury	<0.0003	mg/l
	Nickel	0.076	mg/l
	Zinc	1.66	mg/l
	Silver	<0.001	mg/l
	Arsenic	0.05	mg/l
	Barium	0.51	mg/l
	Manganese	0.48	mg/l
	Beryllium	<0.001	mg/l
	Selenium	<0.013	mg/l
	Thallium	<0.015	mg/l

B = Constituent also present in the method blank processed with this sample.

Trace Metals Section Supervisor

Manager of Quality Assurance

spec-1/saq

000029

Outfall 002

01/27/98
14:01

PDC LABORATORIES, INC.
ENVIRONMENTAL/ANALYTICAL SERVICES

TEL (309)692-9688

P.O. BOX 9071
PEORIA, IL 61612

<<RUSH>>
SAMPLE 98010503
ANALYTICAL REPORT FORM

TO PEORIA DISPOSAL COMPANY
P O BOX 9071

PEORIA
IL 61612
ATTN RON WELK

DATE COLLECTED 01/15/98
DATE RECEIVED 01/15/98
DATE DUE 01/23/98
DATE COMPLETE 01/27/98
DATE LOGGED IN 01/15/98

VERIFIED BY J R L

SALES STANTON J A
SAMP # 98010503
PDC #
PERM #
P.O. # PDC 1
PRJ MGR LAPAYNE J R
CUST # 0280100

COLOR PHYSICAL STATE LIQUID NUMBER/PHASES 1
DESCRIPTION OUTFALL 002 STORMWATER RUNOFF
REMARKS
CHAIN OF CUSTODY YES

TEST NAME	REPORTING LEVEL	SAMPLE RESULT	UNIT OF MEASURE	DATE ANALYZED
Oil and Grease	2	<2	mg/l	01/21/98
BOD 5	6	<6	mg/l	01/16/98
COD	6	<6	mg/l	01/22/98
Total Suspended Solids	5	<5	mg/l	01/19/98
Nitrogen, Total Kjeldahl	0.5	0.6	mg/l	01/21/98
Aqueous	NA	7.58	Units	01/15/98
Chromium, Hexavalent	0.01	<0.02	mg/l	01/15/98
Arsenic, Total	0.02	<0.05 -	mg/l	01/20/98
Beryllium, Total	0.0001	0.001	mg/l	01/20/98
Cadmium, Total	0.002	<0.002	mg/l	01/20/98
Chromium, Total	0.004	<0.004	mg/l	01/20/98
Copper, Total	0.003	<0.005	mg/l	01/20/98
Iron, Total	0.004	0.20	mg/l	01/20/98
Lead, Total	0.01	<0.01	mg/l	01/20/98
Manganese, Total	0.001	0.062	mg/l	01/20/98
Mercury, Total	0.0002	<0.0002	mg/l	01/22/98
Nickel, Total	0.005	<0.005	mg/l	01/20/98
Phosphorous, Total	0.1	<0.2	mg/l	01/20/98
Selenium, Total	0.05	<0.05	mg/l	01/20/98
Silver, Total	0.01	<0.01	mg/l	01/27/98
Thallium Total, GFAA	0.001	<0.001	mg/l	01/21/98
Zinc, Total	0.006	0.03	mg/l	01/20/98
Digestion	0	DONE	PROCESS	01/19/98
Barium, Total	0.001	0.028	mg/l	01/20/98
PPL VOC'S PPB WATER	PACKAGE METHOD : SW-846 8260			
Chloromethane	10	<10	ug/l	01/16/98
Vinyl Chloride	10	<10	ug/l	01/16/98
Bromomethane	10	<10	ug/l	01/16/98
Chloroethane	10	<10	ug/l	01/16/98
Methylene Chloride	5	<5	ug/l	01/16/98

(309)692-9688 P.O. BOX 9071
PEORIA, IL 61612

<<RUSH>>
SAMPLE 98010503

TEST NAME	REPORTING LEVEL	SAMPLE RESULT	UNIT OF MEASURE	DATE ANALYZED
Chloroform	5	<5	ug/l	01/16/98
1,1-Dichloroethane	5	<5	ug/l	01/16/98
1,2-Dichloroethane	5	<5	ug/l	01/16/98
1,1-Dichloroethene	5	<5	ug/l	01/16/98
1,2-Dichloropropane	5	<5	ug/l	01/16/98
Carbon Tetrachloride	5	<5	ug/l	01/16/98
cis-1,3-Dichloropropene	5	<5	ug/l	01/16/98
trans-1,3-Dichloropropene	5	<5	ug/l	01/16/98
trans-1,2-Dichloroethene	5	<5	ug/l	01/16/98
Dibromochloromethane	5	<5	ug/l	01/16/98
Bromodichloromethane	5	<5	ug/l	01/16/98
1,1,1-Trichloroethane	5	<5	ug/l	01/16/98
1,1,2-Trichloroethane	5	<5	ug/l	01/16/98
Benzene	5	<5	ug/l	01/16/98
Toluene	5	<5	ug/l	01/16/98
Trichloroethene	5	<5	ug/l	01/16/98
Ethylbenzene	5	<5	ug/l	01/16/98
1,1,2,2-Tetrachloroethane	5	<5	ug/l	01/16/98
Tetrachloroethene	5	<5	ug/l	01/16/98
Chlorobenzene	5	<5	ug/l	01/16/98
1,3-Dichlorobenzene	5	<5	ug/l	01/16/98
1,2-Dichlorobenzene	5	<5	ug/l	01/16/98
1,4-Dichlorobenzene	5	<5	ug/l	01/16/98
Bromoform	5	<5	ug/l	01/16/98
2-Chloroethylvinylether	10	<10 K,L	ug/l	01/16/98
Acrolein	50	<50	ug/l	01/16/98
Acrylonitrile	50	<50	ug/l	01/16/98

NOTE 1: ALL ANALYSES ARE CONDUCTED UTILIZING RECOMMENDED USEPA AND IEPA METHODS

PROJECT MANAGER
PDC LABORATORIES, INC.

John LaTaupe 1-27-98

Outfall 006

01/26/98
11:11

PDC LABORATORIES, INC.
ENVIRONMENTAL/ANALYTICAL SERVICES

TEL (309)692-9688

P.O. BOX 9071
PEORIA, IL 61612

<<RUSH>>

SAMPLE 98010565

ANALYTICAL REPORT FORM

TO PEORIA DISPOSAL COMPANY
P O BOX 9071

PEORIA
IL 61612
ATTN RON WELK

DATE COLLECTED 01/16/98
DATE RECEIVED 01/16/98
DATE DUE 01/23/98
DATE COMPLETE 01/26/98
DATE LOGGED IN 01/16/98

VERIFIED BY J R L

SALES STANTON J A
SAMP # 98010565
PDC #
PERM #
P.O. # PDC 1
PRJ MGR LAPAYNE J R
CUST # 0280100

COLOR PHYSICAL STATE LIQUID NUMBER/PHASES 1
DESCRIPTION OUTFALL #006 STORMWATER RUNOFF
REMARKS
CHAIN OF CUSTODY YES

TEST NAME	REPORTING LEVEL	SAMPLE RESULT	UNIT OF MEASURE	DATE ANALYZED
Oil and Grease	2	<2	mg/l	01/22/98
BOD 5	6	10	mg/l	01/17/98
COD	6	30	mg/l	01/22/98
Total Suspended Solids	5	40	mg/l	01/19/98
Nitrogen, Total Kjeldahl	0.5	4.7	mg/l	01/21/98
Aqueous	NA	7.91 H	Units	01/19/98
Chromium, Hexavalent	0.01	<0.02	mg/l	01/17/98
Arsenic, Total	0.02	<0.05 -	mg/l	01/20/98
Barium, Total	0.001	0.042	mg/l	01/20/98
Beryllium, Total	0.0001	0.001	mg/l	01/20/98
Cadmium, Total	0.002	0.004	mg/l	01/20/98
Chromium, Total	0.004	<0.004	mg/l	01/20/98
Copper, Total	0.003	0.038	mg/l	01/20/98
Iron, Total	0.004	1.2 N	mg/l	01/20/98
Lead, Total	0.01	0.04	mg/l	01/20/98
Manganese, Total	0.001	0.11	mg/l	01/20/98
Mercury, Total	0.0002	<0.0002	mg/l	01/22/98
Nickel, Total	0.005	0.012	mg/l	01/20/98
Phosphorous, Total	0.1	0.3	mg/l	01/20/98
Selenium, Total	0.05	<0.05	mg/l	01/20/98
Silver, Total	0.01	<0.01	mg/l	01/20/98
Thallium Total, GFAA	0.001	<0.001	mg/l	01/21/98
Zinc, Total	0.006	0.21	mg/l	01/20/98
Digestion	0	DONE	PROCESS	01/19/98
PPL VOC'S PPB WATER	PACKAGE METHOD : SW-846 8260			
Chloromethane	10	<10	ug/l	01/21/98
Vinyl Chloride	10	<10	ug/l	01/21/98
Bromomethane	10	<10	ug/l	01/21/98
Chloroethane	10	<10	ug/l	01/21/98
Methylene Chloride	5	<5	ug/l	01/21/98

(309) 692-9688 P.O. BOX 9071
PEORIA, IL 61612

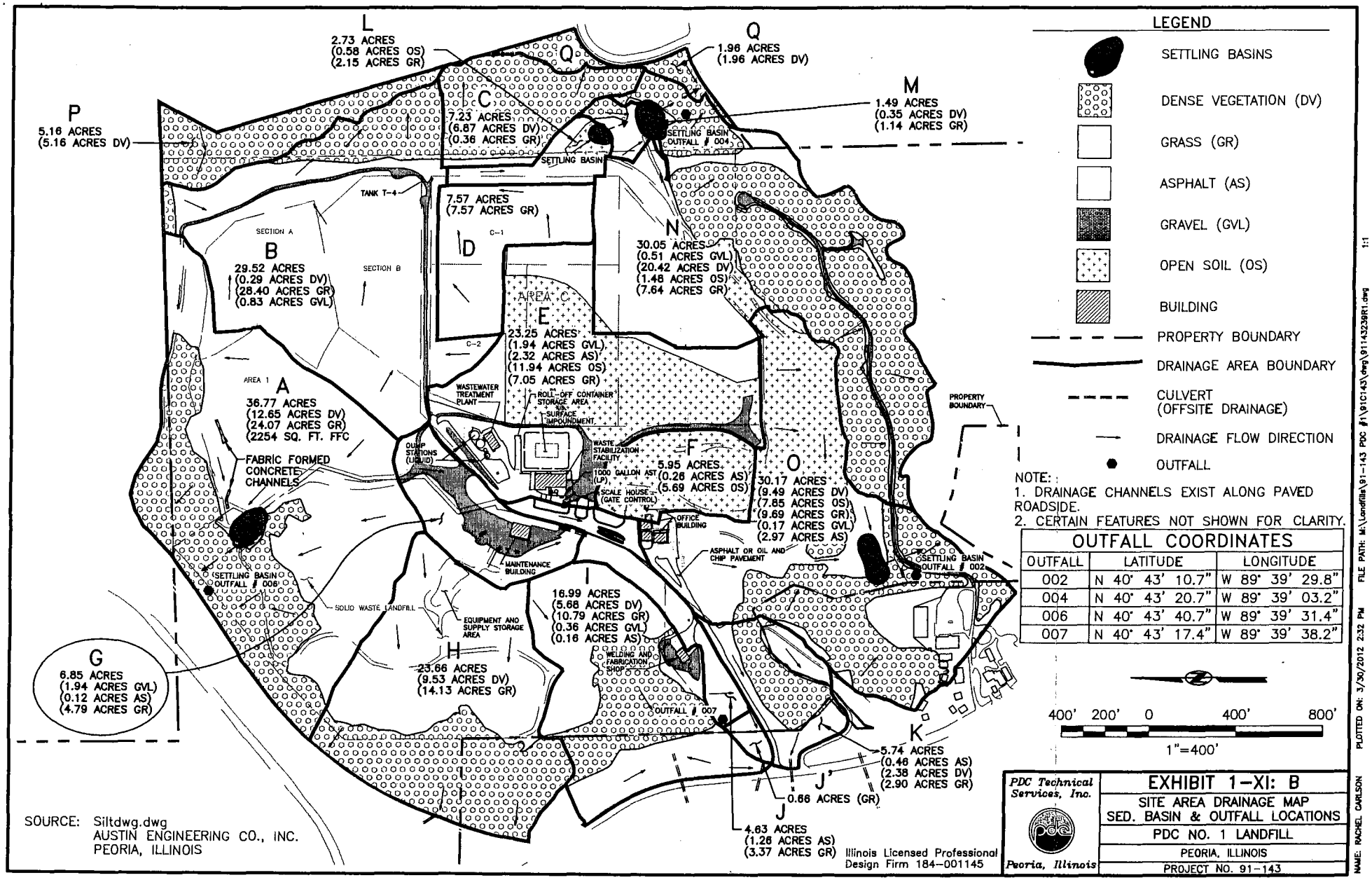
<<RUSH>>
SAMPLE 98010565

TEST NAME	REPORTING LEVEL	SAMPLE RESULT	UNIT OF MEASURE	DATE ANALYZED
Chloroform	5	<5	ug/l	01/21/98
1,1-Dichloroethane	5	<5	ug/l	01/21/98
1,2-Dichloroethane	5	<5	ug/l	01/21/98
1,1-Dichloroethene	5	<5	ug/l	01/21/98
1,2-Dichloropropane	5	<5	ug/l	01/21/98
Carbon Tetrachloride	5	<5	ug/l	01/21/98
cis-1,3-Dichloropropene	5	<5	ug/l	01/21/98
trans-1,3-Dichloropropene	5	<5	ug/l	01/21/98
trans-1,2-Dichloroethene	5	<5	ug/l	01/21/98
Dibromochloromethane	5	<5	ug/l	01/21/98
Bromodichloromethane	5	<5	ug/l	01/21/98
1,1,1-Trichloroethane	5	<5	ug/l	01/21/98
1,1,2-Trichloroethane	5	<5	ug/l	01/21/98
Benzene	5	<5	ug/l	01/21/98
Toluene	5	<5	ug/l	01/21/98
Trichloroethene	5	<5	ug/l	01/21/98
Ethylbenzene	5	<5	ug/l	01/21/98
1,1,2,2-Tetrachloroethane	5	<5	ug/l	01/21/98
Tetrachloroethene	5	<5	ug/l	01/21/98
Chlorobenzene	5	<5	ug/l	01/21/98
1,3-Dichlorobenzene	5	<5	ug/l	01/21/98
1,2-Dichlorobenzene	5	<5	ug/l	01/21/98
1,4-Dichlorobenzene	5	<5	ug/l	01/21/98
Bromoform	5	<5	ug/l	01/21/98
2-Chloroethylvinylether	10	<10	ug/l	01/21/98
Acrolein	50	<50	ug/l	01/21/98
Acrylonitrile	50	<50	ug/l	01/21/98

NOTE 1: ALL ANALYSES ARE CONDUCTED UTILIZING RECOMMENDED USEPA AND IEPA METHODS

PROJECT MANAGER
PDC LABORATORIES, INC.

John LaFayre 1-27-98



OUTFALL COORDINATES		
OUTFALL	LATITUDE	LONGITUDE
002	N 40° 43' 10.7"	W 89° 39' 29.8"
004	N 40° 43' 20.7"	W 89° 39' 03.2"
006	N 40° 43' 40.7"	W 89° 39' 31.4"
007	N 40° 43' 17.4"	W 89° 39' 38.2"

SOURCE: Siltdwg.dwg
AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

PDC Technical Services, Inc.
Peoria, Illinois

Illinois Licensed Professional Design Firm 184-001145

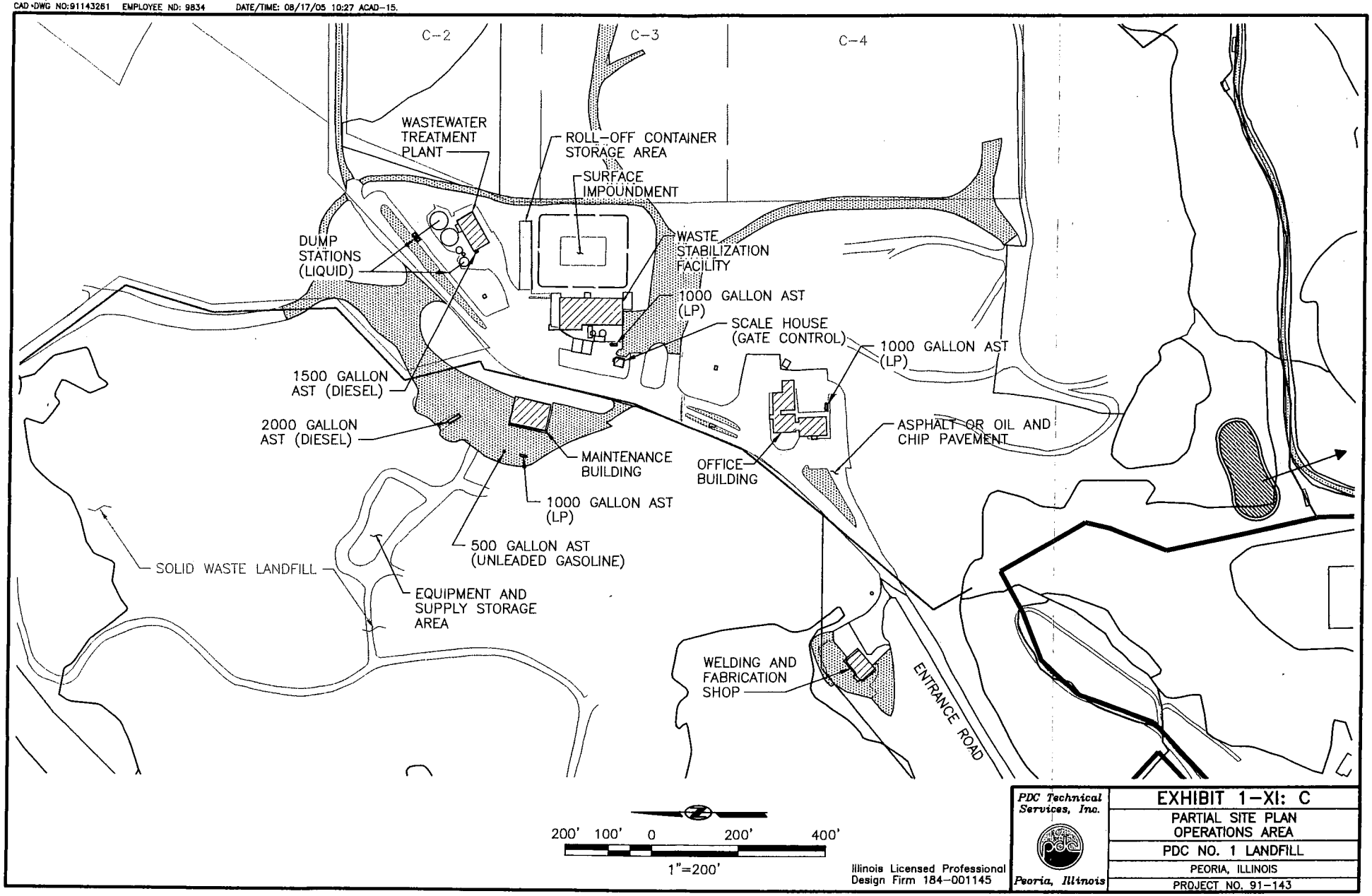
EXHIBIT 1-XI: B

SITE AREA DRAINAGE MAP
SED. BASIN & OUTFALL LOCATIONS
PDC NO. 1 LANDFILL
PEORIA, ILLINOIS
PROJECT NO. 91-143

PLOTTED ON: 3/30/2012 2:32 PM FILE PATH: M:\Landfills\91-143 PDC #1\91C143\dwg\91143239R1.dwg 1:1
NAME: RACHEL CARLSON

000034

CAD-DWG NO:91143261 EMPLOYEE NO: 9834 DATE/TIME: 08/17/05 10:27 ACAD-15.

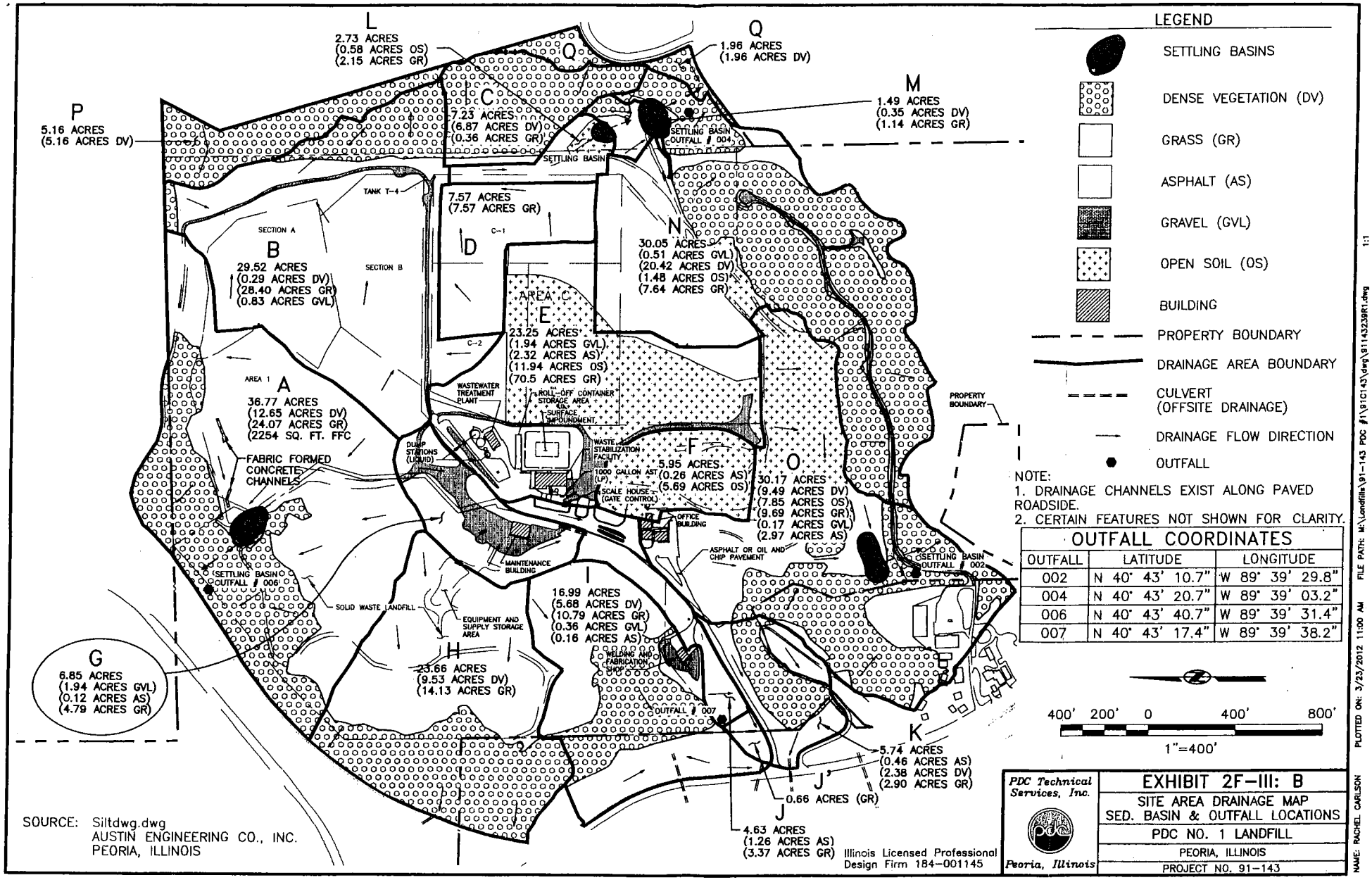


Illinois Licensed Professional Design Firm 184-001145

PDC Technical Services, Inc.
Peoria, Illinois

EXHIBIT 1-XI: C

PARTIAL SITE PLAN
OPERATIONS AREA
PDC NO. 1 LANDFILL
PEORIA, ILLINOIS
PROJECT NO. 91-143



OUTFALL COORDINATES

OUTFALL	LATITUDE	LONGITUDE
002	N 40° 43' 10.7"	W 89° 39' 29.8"
004	N 40° 43' 20.7"	W 89° 39' 03.2"
006	N 40° 43' 40.7"	W 89° 39' 31.4"
007	N 40° 43' 17.4"	W 89° 39' 38.2"

SOURCE: Siltdwg.dwg
AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

Illinois Licensed Professional Design Firm 184-001145

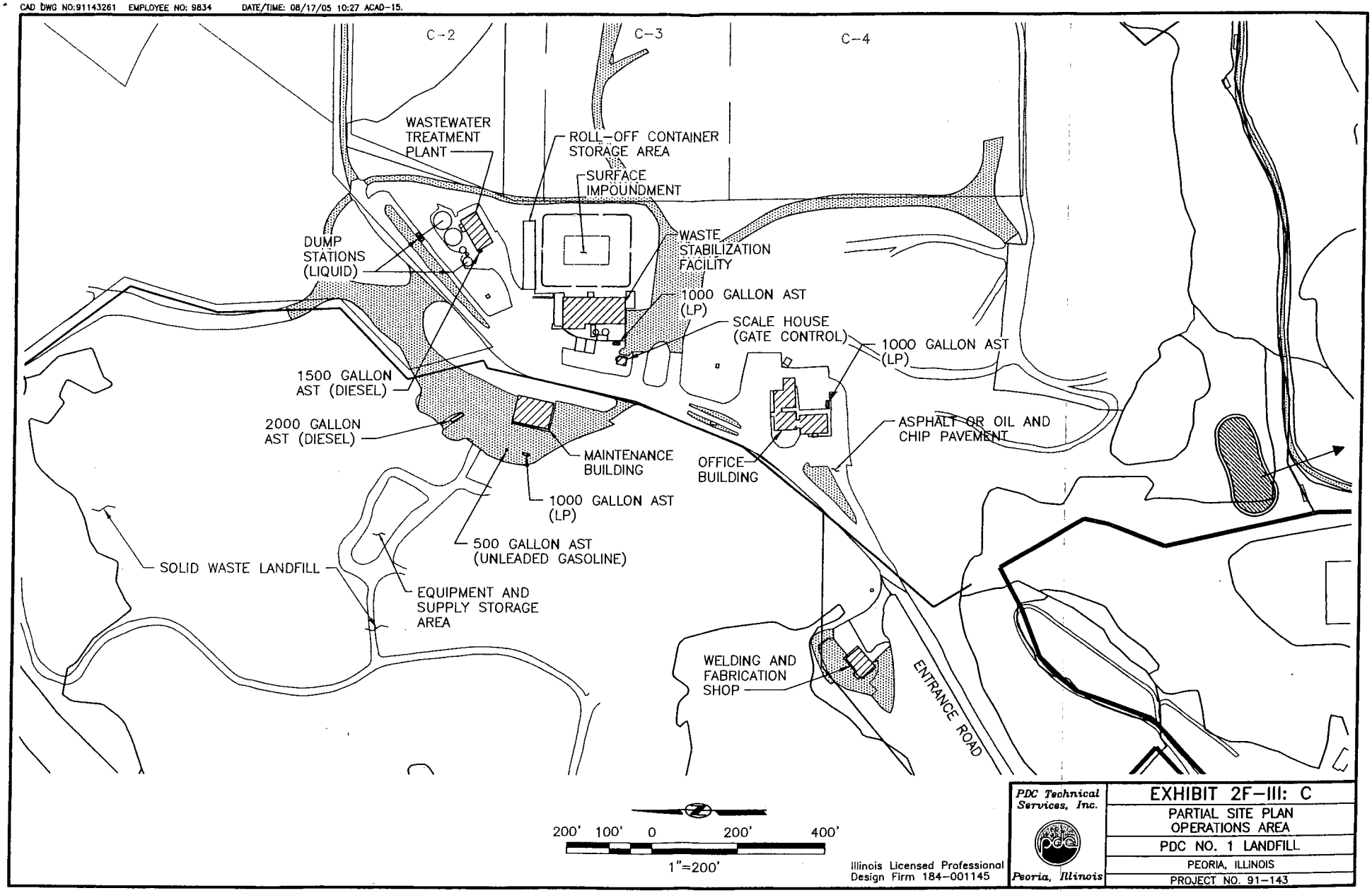
PDC Technical Services, Inc.
Peoria, Illinois

EXHIBIT 2F-III: B

SITE AREA DRAINAGE MAP
SED. BASIN & OUTFALL LOCATIONS
PDC NO. 1 LANDFILL
PEORIA, ILLINOIS
PROJECT NO. 91-143

NAME: RACHEL CARLSON PLOTTED ON: 3/23/2012 11:00 AM FILE PATH: M:\Landfills\91-143 PDC #1\91C143\dwg\91143239R1.dwg 1:1

000036



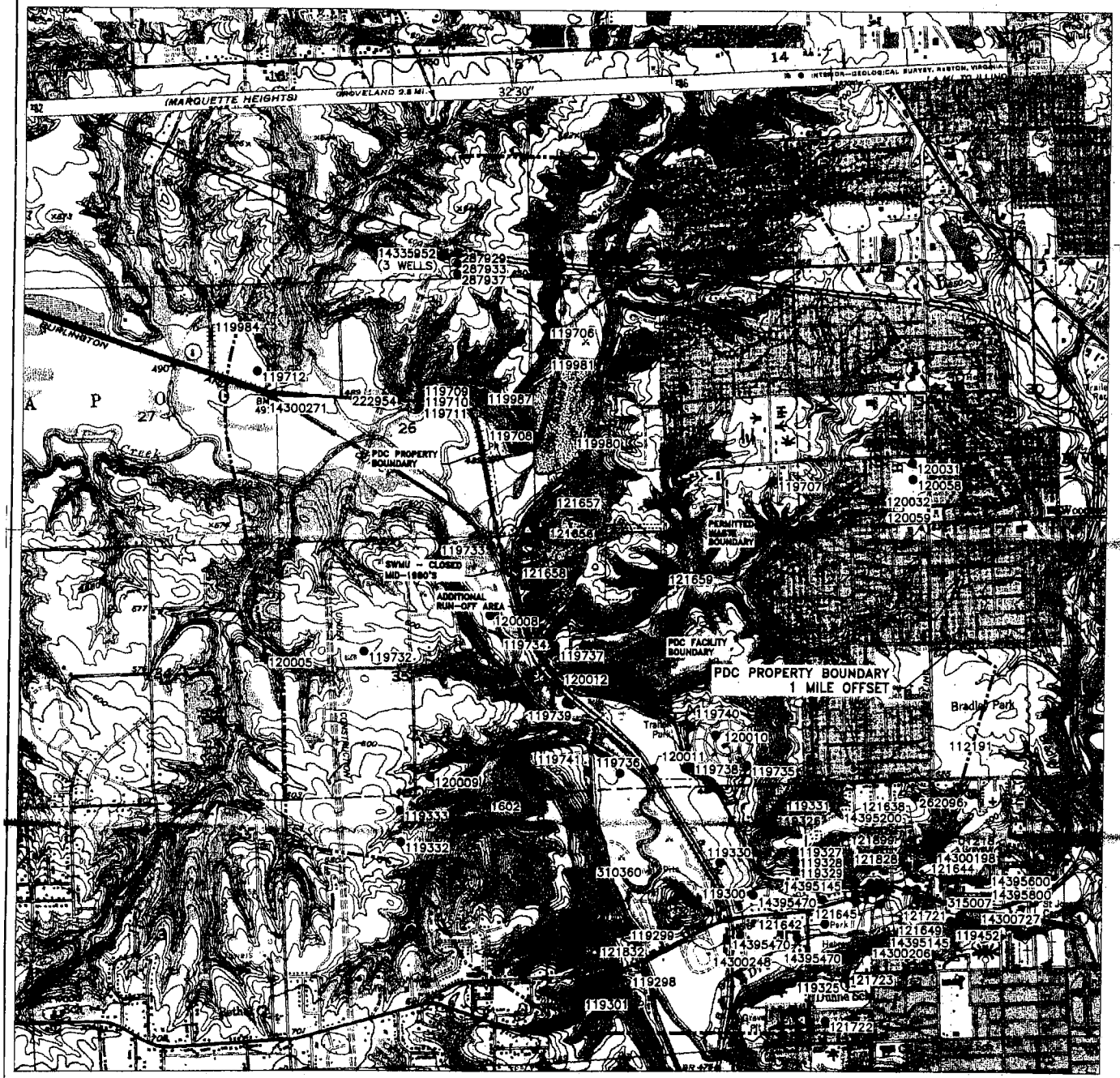
Illinois Licensed Professional Design Firm 184-001145

PDC Technical Services, Inc.
Peoria, Illinois

EXHIBIT 2F-III: C

PARTIAL SITE PLAN
OPERATIONS AREA
PDC NO. 1 LANDFILL
PEORIA, ILLINOIS
PROJECT NO. 91-143

000037



LEGEND

- ● WELL ON RECORD WITH ILLINOIS STATE WATER SURVEY AND/OR ILLINOIS STATE GEOLOGICAL SURVEY
- ⊛ SUSPECTED OUG WELL, OR CISTERN BASED ON VISUAL RECONNAISSANCE WITHIN 1500 FEET OF FACILITY BOUNDARY

NOTES REGARDING SPECIFIC WELLS:

1. WELL NOS. 121658, 121657, 121652, AND 121656 ARE GROUNDWATER MONITORING WELLS INSTALLED BY PDC
2. WELL NO. 118980 WAS NOT OBSERVED AT ITS REPORTED LOCATION. ACTUAL LOCATION IS SUSPECTED TO BE NEAR THE RESIDENCE APPROXIMATELY 950 FEET NORTH OF THE WELL'S PLOTTED LOCATION.
3. NO EVIDENCE OF WELL NOS. 119733, 119734, 119736, 118737, 119738, OR 120012 WERE OBSERVED DURING A VISUAL RECONNAISSANCE. WELL NO. 118738 IS SUSPECTED TO HAVE BEEN DRILLED ON FORMER POTTSTOWN SCHOOL PROPERTY IN POTTSTOWN.
4. WELL NOS. 118738 AND 118740 LOCATIONS BASED ON VISUAL OBSERVATIONS.
5. THE LOCATIONS OF PLEASANT VALLEY PUBLIC WATER DISTRICT (PVPWD) WELLS (SEE WELL RECORD NO. 14388470 – 4 LOCATIONS) ARE BASED ON PVPWD RECORDS.

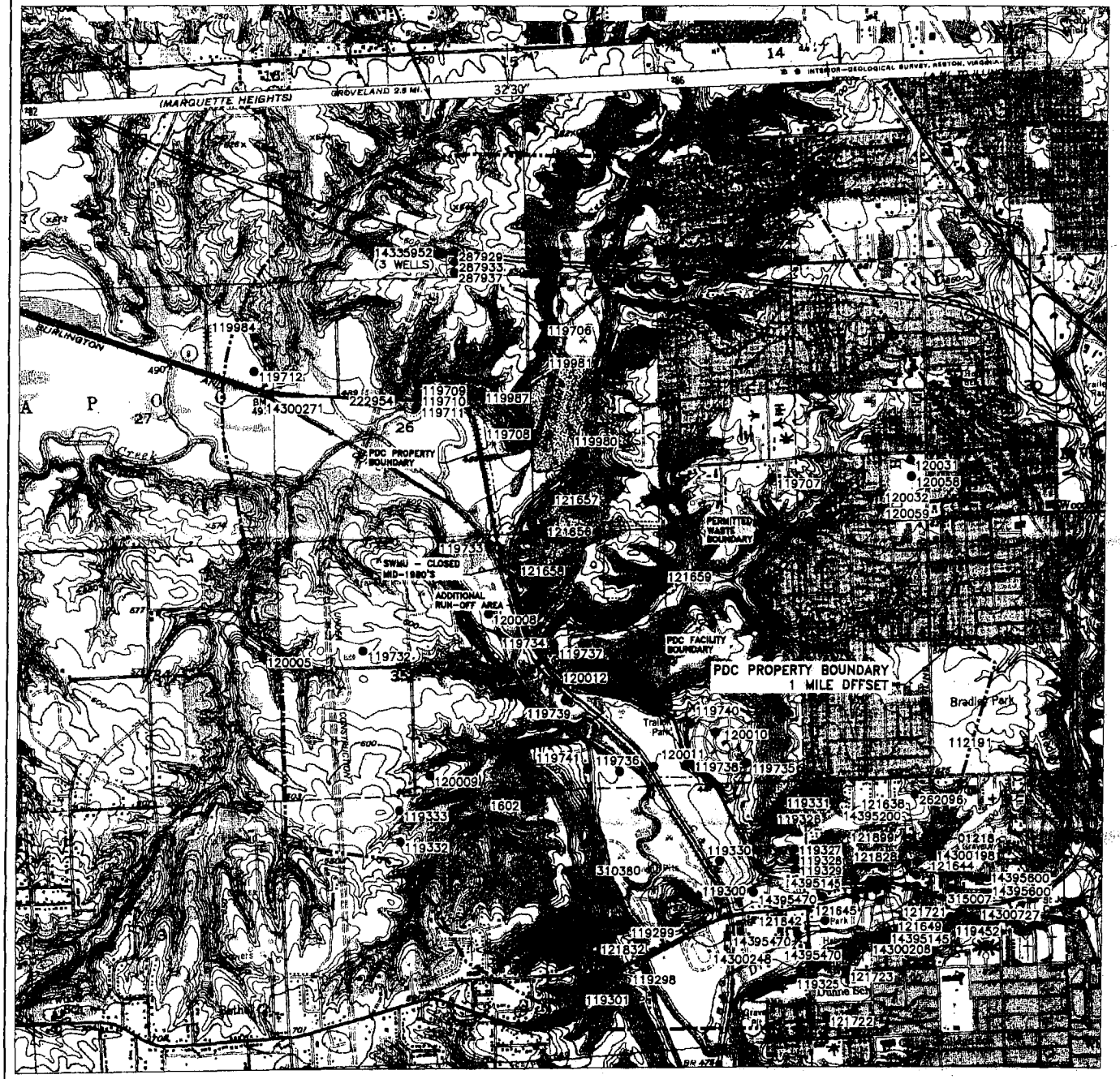
EPA - DIVISION OF RECORDS MANAGEMENT
RELEASABLE
OCT 21 2013
REVIEWER EAV

1000' 0 1000' 2000'
1"=1000'

PDC NO. 1 LANDFILL– SITE LOCATION MAP

1 MILE BOUNDARY TOPOGRAPHIC MAP WITH WATER SUPPLY WELLS (KNOWN)

PDC PROJ #	91–0143
DRAWN BY	R. CARLSON
SCALE	1"=1000'
DATE	03-23-12
	PDC TECHNICAL SERVICES, INC. PEORIA, ILLINOIS
	ILLINOIS LICENSED PROFESSIONAL DESIGN FIRM 184–001143
APPROVED BY	
DRAWING NUMBER	EXHIBIT 1-XI: A



LEGEND

- ● WELL ON RECORD WITH ILLINOIS STATE WATER SURVEY AND/OR ILLINOIS STATE GEOLOGICAL SURVEY
- ◉ SUSPECTED OUG WELL OR CISTERN BASED ON VISUAL RECONNAISSANCE WITHIN 1500 FEET OF FACILITY BOUNDARY

NOTES REGARDING SPECIFIC WELLS:

1. WELL NOS. 121656, 121657, 121658, AND 121659 ARE GROUNDWATER MONITORING WELLS INSTALLED BY PDC.
2. WELL NO. 119980 WAS NOT OBSERVED AT ITS REPORTED LOCATION. ACTUAL LOCATION IS SUSPECTED TO BE NEAR THE RESIDENCE APPROXIMATELY 650 FEET NORTH OF THE WELL'S PLOTTED LOCATION.
3. NO EVIDENCE OF WELL NOS. 119733, 119734, 119736, 119737, 119738, OR 120012 WERE OBSERVED DURING A VISUAL RECONNAISSANCE. WELL NO. 119738 IS SUSPECTED TO HAVE BEEN DRILLED ON FORMER POTTSTOWN SCHOOL PROPERTY IN POTTSTOWN.
4. WELL NOS. 119738 AND 119740 LOCATIONS BASED ON VISUAL OBSERVATIONS.
5. THE LOCATIONS OF PLEASANT VALLEY PUBLIC WATER DISTRICT (PVPWD) WELLS (ISWS WELL RECORD NO. 14395470 – 4 LOCATIONS) ARE BASED ON PVPWD RECORDS.

IEPA - DIVISION OF RECYCLING MANAGEMENT
RECEIVED
OCT 21 2013
REVIEWER EAV

1000' 0 1000' 2000'
1"=1000'

PDC NO. 1 LANDFILL– SITE LOCATION MAP	
1 MILE BOUNDARY TOPOGRAPHIC MAP WITH WATER SUPPLY WELLS (KNOWN)	
PDC PROJ # 91-0143	PDC TECHNICAL SERVICES, INC. PEORIA, ILLINOIS
DRAWN BY: R. CARLSON	ILLINOIS LICENSED PROFESSIONAL DESIGN FIRM 184-001148
SCALE: 1"=1000'	APPROVED BY:
DATE: 03-23-12	EXHIBIT 2F-III: A

000039

PDC Technical Services, Inc.
4349 Southport Road, P.O. Box 9071
Peoria, Illinois 61615
309.676.4893
www.pdcarea.com

PDC Project No. 91-0143

IEPA EXHIBIT
No. 2

April 3, 2012

Mr. Alan Keller, P.E.
Manager Permit Section
Division of Water Pollution Control – Permit Section
Illinois Environmental Protection Agency (IEPA)
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62702

Re: Individual NPDES Permit No. *IL0064777* Permit Renewal
EPA ID No. 1438120003
Peoria Disposal Company, Inc.
Peoria County

Dear Mr. Keller:

On behalf of Peoria Disposal Company (PDC1), PDC Technical Services, Inc. is submitting a revised Page 2 of 3 from the Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity Form 2F, which was sent on April 2, 2012. Two corrections were made to Section IV. Part A. and are listed below:

1. Outfall 002, Area of Impervious Surface: 7.1 acres was change to 5.55 acres, and
2. Outfall 004, Total area Drained: 41.84 acres was changed to 39.11 acres.

We trust that this letter and attachments provide the information needed to renew the existing permit. Please contact the undersigned at (309) 495-1547 if you have any questions, comments, or if any addition information is required.

Sincerely,

PDC Technical Services, Inc.
Ill. Professional Design Firm 184-001145

William N. Bicher, P.E.
Senior Engineer

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APR 09 2012
Environmental Protection Agency
WPC--Permit Log In

IEPA - DIVISION OF RECORDS MANAGEMENT
RELEASABLE
OCT 21 2013
REVIEWER EAV

Enclosure: Form 2F, Page 2 of 3

cc: Ron Welk
file copy

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Continued from the Front

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of imperious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
002	5.55 acres	59.37 acres			
004	0 sq. ft.	39.11 acres			
006	2,254 sq. ft.	36.77 acres			
007	1.26 acres	4.63 acres			

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas, and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

002,004,006: Perimeter storm water channels divert non-contact storm water runoff away from the landfill, which is captured in flow through sedimentation basins, which enable sediments to settle out prior to discharge.

007 This is a heavy equipment maintenance and diesel fueling area. It also used as a staging area for miscellaneous construction materials such as iron and plastic piping, concrete prefabbed manhole sections and HDPE liners for the landfill. The building also house our employee facilities and the paved area is the employee parking lot. The area also contains a gasoline storage and refueling tank.

Approximately 3 acres of the west section are fertilized and weed controlled (3 applications per year). This procedure started in (1992).
See Form 2F, Exhibit IV. B. Additional information related to site activities including a Material inventory.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
002	Sedimentation Basin,Grass Lined Channels, and Filter Strips will reduce Suspended Solids, and Culverts.	1-U/4-A
004	Sedimentation Basin,Grass Lined Channels, and Filter Strips will reduce Suspended Solids.	1-U/4-A
006	Sedimentation Basin,Grass Lined Channels, and Filter Strips will reduce Suspended Solids. Storm water inlet drop structure into discharge culvert.	1-U/4-A
007	Grass lined and Fabric Formed Concrete Channels.	4-A

V. Nonstormwater Discharges

A. I certify under penalty of law hat the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharged from these outfall(s) are identified in either an accompanying Form 2C or From 2E application for the outfall.

Name and Official Title (type or print)	Signature	Date Signed
Ronald J. Welk, Vice President	Ronald J Welk	04-03-2012

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

The undersigned certifies that all known discharges have been evaluated for the presence of non-storm water discharges. The evaluation has included identifying and reviewing all processes that generate wastewater, including reviewing all applicable drawings and construction records. Based on this review, to the best of one's knowledge and belief, the undersigned certifies that there are no unauthorized non-storm water discharges.

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

No significant leaks or spills have occurred during the last 3 years.

IEPA EXHIBIT BWB

No. 3

PDC Technical Services, Inc.
4349 Southport Road, P.O. Box 9071
Peoria, Illinois 61615
309.676.4893
www.pdcarea.com

PDC Project No. 91-0143

August 28, 2012

Mr. Alan Keller, P.E.
Manager Permit Section
Division of Water Pollution Control – Permit Section
Illinois Environmental Protection Agency (IEPA)
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62702

Re: Individual NPDES Permit No. *IL0064777* Permit Renewal *(Additional Information)*
EPA ID No. 1438120003
Peoria Disposal Company, Inc.
Peoria County

Dear Mr. Keller:

On behalf of Peoria Disposal Company, PDC Technical Services, Inc. is submitting additional information to the previously submitted permit renewal application on April 2, 2012 plus an extra copy.

Due to the lack of a qualifying storm event at the time of permit renewal submittal, storm water run-off sampling and analysis had yet been collected from Outfalls 002, 004, 006, and 007 in conjunction with Application Form 2F, Part VII. Please find enclosed Form 2F Part VII, Pages VII-1 and VII-2, which includes respective Outfall's sampling analysis and engineering estimated storm water runoff. Outfalls 006 and 007 were collected on May 31, 2012, whereas Outfalls 002 and 004 were collected on August 16, 2012. Due to field conditions including the volume of rain and accompanying hail storm, a composite sample was not obtained for Outfall 004.

We trust that this letter and the attachment provide the information needed to complete the agency's review and renew the existing permit. Please contact the undersigned at (309) 495-1547 if you have any questions, comments, or if any addition information is required.

Sincerely,

PDC Technical Services, Inc.
Ill. Professional Design Firm 184-001145

William N. Bicher, P.E.
Senior Engineer

Attachment 1 – Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity: Form 2F: Pages VII-1 and VII-2; Outfalls 002, 004, 006, & 007

cc: Ron Welk, file copy

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ATTACHMENT 1

Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity: Form 2F, Pages VII-1 & VII-2; Outfalls 002, 004, 006, & 007

Outfall 002

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	<33 mg/L	N/A	<33 mg/L	<33 mg/L	1.00	Vehicle Traffic, Maintenance, &
Biological Oxygen Demand (BOD5)	7.2 mg/L	8.9 mg/L	7.2 mg/L	8.9 mg/L	1.00	Landfilling Operations.
Chemical Oxygen Demand (COD)	63 mg/L	73 mg/L	63 mg/L	73 mg/L	1.00	
Total Suspended Solids (TSS)	2200 mg/L	2500 mg/L	2200 mg/L	2500 mg/L	1.00	
Total Nitrogen	6.6 mg/L	7.7 mg/L	6.6 mg/L	7.7 mg/L	1.00	
Total Phosphorus	1.4 mg/L	1.8 mg/L	1.4 mg/L	1.8 mg/L	1.00	
pH	Minimum 8.12	Maximum 8.12	Minimum	Maximum		(Test done after max. hold time)

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Arsenic	0.031 mg/L	0.037 mg/L	0.031 mg/L	0.037 mg/L	1.00	Landfilling Operations.
Barium	0.33 mg/L	0.39 mg/L	0.33 mg/L	0.39 mg/L	1.00	Landfilling Operations.
Cadmium	<0.0020 mg/L	0.0033 mg/L	<0.0020 mg/	0.0033 mg/L	1.00	Landfilling Operations.
Chromium	0.064 mg/L	0.095 mg/L	0.064 mg/L	0.095 mg/L	1.00	Landfilling Operations.
Lead	0.11 mg/L	0.15 mg/L	0.11 mg/L	0.15 mg/L	1.00	Landfilling Operations.
Mercury	<0.00020 mg/L	<0.00020 mg/L	<0.0002 mg/L	<0.00020 mg/L	1.00	Landfilling Operations.
Selenium	0.013 mg/L	0.014 mg/L	0.013 mg/L	0.014 mg/L	1.00	Landfilling Operations.
Silver	<0.010 mg/L	<0.010 mg/L	<0.010 mg/L	<0.010 mg/L	1.00	Landfilling Operations.

000044

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
N/A						

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
August 16, 2012	~ 340	3.08	> 48 hours	Unknown	2,657,000 gallons

7. Provide a description of the method of flow measurement or estimate.

TR-55 Runoff Method.

Outfall 004

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	<33 mg/L	N/A	<33 mg/L	N/A	1.00	Vehicle Traffic, Maintenance, &
Biological Oxygen Demand (BOD5)	<4.0 mg/L	N/A	<4.0 mg/L	N/A	1.00	Landfilling Operations.
Chemical Oxygen Demand (COD)	40 mg/L	N/A	40 mg/L	N/A	1.00	
Total Suspended Solids (TSS)	2300 mg/L	N/A	2300 mg/L	N/A	1.00	
Total Nitrogen	<5.0 mg/L	N/A	<5.0 mg/L	N/A	1.00	
Total Phosphorus	0.94 mg/L	N/A	0.94 mg/L	N/A	1.00	
pH	Minimum 7.87	Maximum 7.87	Minimum	Maximum		(Test done after max. hold time)

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Arsenic	<0.020 mg/L	N/A	<0.020 mg/L	N/A	1.00	Landfilling Operations.
Barium	0.16 mg/L	N/A	0.16 mg/L	N/A	1.00	Landfilling Operations.
Cadmium	0.057 mg/L	N/A	0.057 mg/L	N/A	1.00	Landfilling Operations.
Chromium	0.025 mg/L	N/A	0.025 mg/L	N/A	1.00	Landfilling Operations.
Lead	0.12 mg/L	N/A	0.12 mg/L	N/A	1.00	Landfilling Operations.
Mercury	<0.00020 mg/L	N/A	<0.00020 mg/L	N/A	1.00	Landfilling Operations.
Selenium	0.020 mg/L	N/A	0.020 mg/L	N/A	1.00	Landfilling Operations.
Silver	<0.010 mg/L	N/A	<0.010 mg/L	N/A	1.00	Landfilling Operations.

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
N/A						

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
August 16, 2012	~ 340	3.08	> 42 hours	Unknown	1,171,000 gallons

7. Provide a description of the method of flow measurement or estimate.

TR-55 Runoff Method.

Outfall 006

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	<7.0 mg/L	N/A	<7.0 mg/L	<7.0 mg/L	1.00	Vehicle Traffic, Maintenance, &
Biological Oxygen Demand (BOD5)	29 mg/L	4.8 mg/L	29 mg/L	4.8 mg/L	1.00	Landfilling Operations.
Chemical Oxygen Demand (COD)	68 mg/L	14 mg/L	68 mg/L	14 mg/L	1.00	
Total Suspended Solids (TSS)	1200 mg/L	4000 mg/L	1200 mg/L	4000 mg/L	1.00	
Total Nitrogen	16 mg/L	7.7 mg/L	16 mg/L	7.7 mg/L	1.00	
Total Phosphorus	0.88 mg/L	2.7 mg/L	0.88 mg/L	2.7 mg/L	1.00	
pH	Minimum 7.80	Maximum 7.80	Minimum	Maximum		

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Arsenic	0.034 mg/L	0.041 mg/L	0.034 mg/L	0.041 mg/L	1.00	Landfilling Operations.
Barium	0.62 mg/L	0.66 mg/L	0.62 mg/L	0.66 mg/L	1.00	Landfilling Operations.
Cadmium	0.012 mg/L	0.012 mg/L	0.012 mg/L	0.012 mg/L	1.00	Landfilling Operations.
Chromium	0.16 mg/L	0.18 mg/L	0.16 mg/L	0.18 mg/L	1.00	Landfilling Operations.
Lead	0.35 mg/L	0.38 mg/L	0.35 mg/L	0.38 mg/L	1.00	Landfilling Operations.
Mercury	0.00022 mg/L	0.00084 mg/L	0.00022 mg/L	0.00084 mg/L	1.00	Landfilling Operations.
Selenium	0.023 mg/L	0.020 mg/L	0.023 mg/L	0.020 mg/L	1.00	Landfilling Operations.
Silver	<0.010 mg/L	<0.010 mg/L	<0.010 mg/L	<0.010 mg/L	1.00	Landfilling Operations.

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
N/A						

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
May 31, 2012	~ 360	0.87	> 72 hours	Unknown	242,500 gallons

7. Provide a description of the method of flow measurement or estimate.

TR-55 Runoff Method.

Outfall 007

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	<6.0 mg/L	N/A	<6.0 mg/L	<6.0 mg/L	1.00	Vehicle Traffic, Maintenance, &
Biological Oxygen Demand (BOD5)	54 mg/L	7.3 mg/L	54 mg/L	7.3 mg/L	1.00	Landfilling Operations.
Chemical Oxygen Demand (COD)	130 mg/L	18 mg/L	130 mg/L	18 mg/L	1.00	
Total Suspended Solids (TSS)	81 mg/L	510 mg/L	81 mg/L	510 mg/L	1.00	
Total Nitrogen	9.8 mg/L	3.0 mg/L	9.8 mg/L	3.0 mg/L	1.00	
Total Phosphorus	0.90 mg/L	0.67 mg/L	0.90 mg/L	0.67 mg/L	1.00	
pH	Minimum 8.54	Maximum 8.54	Minimum	Maximum	1.00	

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Arsenic	<0.020 mg/L	<0.020 mg/L	<0.020 mg/L	<0.020 mg/L	1.00	Landfilling Operations.
Barium	0.078 mg/L	0.16 mg/L	0.078 mg/L	0.16 mg/L	1.00	Landfilling Operations.
Cadmium	0.020 mg/L	0.035 mg/L	0.020 mg/L	0.035 mg/L	1.00	Landfilling Operations.
Chromium	0.12 mg/L	0.25 mg/L	0.12 mg/L	0.25 mg/L	1.00	Landfilling Operations.
Lead	0.68 mg/L	1.1 mg/L	0.68 mg/L	1.1 mg/L	1.00	Landfilling Operations.
Mercury	0.00057 mg/L	0.0023 mg/L	0.00057 mg/L	0.0023 mg/L	1.00	Landfilling Operations.
Selenium	0.010 mg/L	0.015 mg/L	0.010 mg/L	0.015 mg/L	1.00	Landfilling Operations.
Silver	<0.010 mg/L	<0.010 mg/L	<0.010 mg/L	<0.010 mg/L	1.00	Landfilling Operations.

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
N/A						

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
May 31, 2012	~ 360	1.82	> 72 hours	Unknown	79,800 gallons

7. Provide a description of the method of flow measurement or estimate.

TR-55 Runoff Method.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

Memorandum

Date: June 11, 2013

To: Jaime Rabins

From: Bob Mosher

Subject: Peoria Disposal Company Water Quality Based Effluent Limit Evaluation
NPDES No. IL0064777 Peoria County

This facility discharges stormwater from four sedimentation ponds to an unnamed tributary of Kickapoo Creek, which is a General Use water and has a 7Q10 flow of zero cfs. The unnamed tributary of Kickapoo Creek (no segment code) is not listed as impaired for aquatic life use in the draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List. The Illinois EPA has not evaluated this water body. The unnamed tributary of Kickapoo Creek is not given an Integrity Rating in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*. The unnamed tributary of Kickapoo Creek at this location is not designated as an enhanced water pursuant to the dissolved oxygen water quality standard.

The facility does not submit DMRs given the current permit does not require monitoring. The renewal application provides one result for several metals at each outfall. Acute metals standards were generated using a hardness of 360 mg/L from AWQMN Station DL-01, Kickapoo Creek at Bartonville. Because these are stormwater effluents, they will not discharge for extended periods and therefore chronic water quality standards are not considered. All data was generated by the applicant.

Outfall 002

Substance mg/L	Max. Eff. Conc.	No. of Samples	Multiply by	95% Potential	Acute Standard	302.208 (g) standard	Further Analysis ?
Arsenic	0.037	1	6.2	0.229	0.3600	-	No RP*
Barium	0.39	1	6.2	2.418	-	5.0	No RP*
Cadmium	0.0033	1	6.2	0.020	0.041	-	No RP*
Chromium (Total)	0.064	1	6.2	0.403	4.958	-	No RP*
Lead	0.15	1	6.2	0.93	0.489	-	Yes
Selenium	0.014	1	6.2	0.087	-	1	No RP*
Silver	<0.01	1	-	-	-	0.005	No RP*
Mercury	<0.0002	1	-	-	0.0022		No RP*

***No RP** = no reasonable potential to exceed the water quality standard.

Outfall 004

Substance mg/L	Max. Eff.	No. of Samples	Multiply by	95% Potential	Acute Standard	302.208 (g)	Further Analysis

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120

9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)814-6026

	Conc.					standard	?
Arsenic	<0.020	1	-	-	0.3600	-	No RP*
Barium	0.16	1	6.2	0.992	-	5.0	No RP*
Cadmium	0.057	1	6.2	0.353	0.041	-	Yes
Chromium (Total)	0.025	1	6.2	0.155	4.958	-	No RP*
Lead	0.12	1	6.2	0.744	0.489	-	Yes
Selenium	0.020	1	6.2	0.124	-	1	No RP*
Silver	<0.01	1	-	-	-	0.005	No RP*
Mercury	<0.0002	1	-	-	0.0022	-	No RP*

***No RP** = no reasonable potential to exceed the water quality standard.

Outfall 006

Substance	Max. Eff. Conc.	No. of Samples	Multiply by	95% Potential	Acute Standard	302.208 (g) standard	Further Analysis ?
Arsenic	0.041	1	6.2	0.254	0.3600	-	No RP*
Barium	0.66	1	6.2	4.092	-	5.0	No RP*
Cadmium	0.012	1	6.2	0.074	0.041	-	Yes
Chromium (Total)	0.18	1	6.2	1.116	4.958	-	No RP*
Lead	0.38	1	6.2	2.356	0.489	-	Yes
Selenium	0.023	1	6.2	0.143	-	1	No RP*
Silver	<0.01	1	6.2	-	-	0.005	No RP*
Mercury	0.00084	1	6.2	0.0052	0.0022	-	Yes

***No RP** = no reasonable potential to exceed the water quality standard.

Outfall 007

Substance	Max. Eff. Conc.	No. of Samples	Multiply by	95% Potential	Acute Standard	302.208 (g) standard	Further Analysis ?
Arsenic	<0.020	1	-	-	0.3600	-	No RP*
Barium	0.16	1	6.2	0.992	-	5.0	No RP*
Cadmium	0.035	1	6.2	0.217	0.041	-	Yes
Chromium (Total)	0.25	1	6.2	1.55	4.958	-	No RP*
Lead	1.1	1	6.2	6.82	0.489	-	Yes
Selenium	0.015	1	6.2	0.093	-	1	No RP*
Silver	<0.01	1	-	-	-	0.005	No RP*
Mercury	0.0023	1	6.2	0.0143	0.0022	-	Yes

***No RP** = no reasonable potential to exceed the water quality standard.

Under Agency policy, substances designated in the tables as being in need of further analysis, and for which five or fewer effluent results are available, will not be evaluated for reasonable potential to exceed standards per the USEPA *Technical Support Document for Water Quality Based Toxics Control.* Rather, these substances will be directly evaluated against the water quality standards applicable to the receiving stream. Monitoring requirements for the next permit cycle will generate data sufficient to apply the USEPA method. For the Peoria Disposal Company, the parameters relevant to this policy are cadmium, lead and mercury and have been evaluated as follows:

All four outfalls were found to exceed the acute water quality standard for lead using the multiplier for the single sample. Only one outfall (007) actually exceeded the acute lead water quality standard, however.

Outfalls 004, 006 and 007 were found to exceed the acute water quality standard for cadmium using the multiplier for the single sample. Only one outfall (004) actually exceeded the acute cadmium water quality standard, however.

Two outfalls (006 and 007) were found to exceed the acute water quality standard for mercury using the multiplier for the single sample. Only one outfall (007) actually exceeded the acute mercury water quality standard, however.

Water quality based effluent limits (daily maximum only) are recommended as follows:

Outfall	Mercury Limit	Lead Limit	Cadmium Limit
004	N/A	N/A	0.041 mg/L
007	0.0022 mg/L	0.489 mg/L	N/A

All outfalls should have a monitoring requirement for the list of metals in the first table of at least twice per year.

These recommendations reflect a water quality standards perspective only and should not be construed as indicative of all factors that must be taken into consideration by the permit writer.

cc: FOS Region 3 Manager
Bill Ettinger

CAS 7-20-15
Region 6-26-13

Industrial NPDES Permit Review Notes

IEPA EXHIBIT No. 5

I. **Permittee:** Peoria Disposal Company **Permit No.** IL0[illegible]
Facility Name: Peoria Disposal Company
City: Peoria **County:** Peoria
Facility Contact: Ronald Welk **Phone No.** 309/495-1551
Major ☐ **Minor** ☑ **New** ☐ **Reissued** ☑ **Modified** ☐
SIC Code: 4911 **SIC Category:** Refuse Systems

Brief description of manufacturing operations and discharge sources:
The applicant is engaged in the operation of a municipal solid waste landfill. Waste water is generated from precipitation which comes into contact with daily, intermediate, and/or cover and is considered non-contaminated stormwater. Any precipitation that does come into contact with waste is collected by the landfill's leachate collection system and hauled off-site for treatment.

II. **Name of Receiving Stream:** Unnamed Tributary of Kickapoo Creek
Use Classification: **General Use** ☑ **Secondary Contact** ☐ **Other (specify)**
7Q10: 0 cfs **Source of data:** Standards Unit
Notifications Needed: **Bordering State** ☐ **ORSANCO** ☐
CMAP ☐ **SWIMRPC** ☐ **GERPDC** ☐
The Conservation Foundation of DuPage County ☐ **Saline County Conservation District** ☐

III. **Federal Categorical Standards Apply:** Yes ☐ No ☑

IV. **Stormwater Classification:** **Not Covered** ☐ **Category:** v
Form 2F received **Yes** ☑ **No** ☐

V. **Discharge Flow (mgd)**

002, 004, 006 and 007 Stormwater (Intermittent Discharge)

Source of flow data: Renewal Application
If change from pervious permit describe reason: N/A

VI. **Water Quality Based Effluent Limit analysis:** **Yes** ☑ **No** ☐
Date requested from Standards Unit: **Date received:** June 11, 2013
Biomonitoring data available: **Yes** ☐ **No** ☑
Attachments (as needed): ☑ **Flow diagram of waste sources, treatment processes**
☐ **DMR Summary**

Permit Limits Derivation – Outfalls 002 and 006

Parameter – conc. mass	Current Limits Avg.	Max.	Sec. 304 Limits Avg.	Max.	Fed. Limits* Avg.	Max.	WQBEL Avg.	Max	Prop. Limits Avg.	Max	Mon. Freq Sample Type	Notes or Comments
Flow											Daily	

All units are mg/l (concentration) and lb./day (mass).
*Attach calculations if needed. Limit is based on categorical standards unless "BPJ" is noted in comments column, indicating technology-based limit was determined based on case-by-case BAT/BCT under 40 CFR 125.3

Permit Limits Derivation – Outfall 004

Parameter – conc. mass	Current Limits Avg.	Current Limits Max.	Sec. 304 Limits Avg.	Sec. 304 Limits Max.	Fed. Limits* Avg.	Fed. Limits* Max.	WQBEL Avg.	WQBEL Max	Prop. Limits Avg.	Prop. Limits Max	Mon. Freq Sample Type	Notes or Comments
Flow											Daily	
Cadmium								0.041			1/Month Grab	35 IAC 302.208

000057

All units are mg/l (concentration) and lb./day (mass).
*Attach calculations if needed. Limit is based on categorical standards unless "BPJ" is noted in comments column, indicating technology-based limit was determined based on case-by-case BAT/BCT under 40 CFR 125.3

Permit Limits Derivation – Outfall 007

Parameter – conc. / mass	Current Limits Avg.	Current Limits Max.	Sec. 304 Limits Avg.	Sec. 304 Limits Max.	Fed. Limits* Avg.	Fed. Limits* Max.	WQBEL Avg.	WQBEL Max	Prop. Limits Avg.	Prop. Limits Max	Mon. Freq Sample Type	Notes or Comments
Flow											Daily	
Lead								0.489			1/Month Grab	35 IAC 302.208
Mercury								0.0022			1/Month Grab	

All units are mg/l (concentration) and lb./day (mass).
*Attach calculations if needed. Limit is based on categorical standards unless "BPJ" is noted in comments column, indicating technology-based limit was determined based on case-by-case BAT/BCT under 40 CFR 125.3

VIII. Discussion of parameters considered for regulation but not included in permit: N/A

Documents not cited above utilized in permit review: N/A

Other review comments: N/A

IX. Proposed Special Conditions

- ☑ Flow reporting
- ☐ pH limit/reporting
- ☐ Temperature limits
- ☑ Monitoring location
- ☐ DMR Submission
- ☐ Class K operator
- ☐ Water treatment additives
- ☐ BAT/BCT for Stormwater (All Stormwater is treated and subject to effluent limits)
- ☑ SWPPP for landfills
- ☐ No Exposure
- ☑ Re-opener
- ☐ TRC

Additional Special Conditions

X. Treatment Types
(Check all that apply)

Physical/Chemical Treatment

☐1A Ammonia Stripping
☐2A Carbon Absorption
☐2N Chemical Hydrolysis
☐2B Chemical Oxidation
☐2C Chemical Precipitation
☐2D Coagulation
☐2E Dechlorination
☐2F Disinfection (Chlorine)
☐2G Disinfection (Ozone)
☐4I Disinfection (Ultraviolet)
☐2H Disinfection (Other)
☐1D Distillation
☐2I Electrochemical Treatment
☐1E Electrodialysis
☐1F Evaporation
☐1G Flocculation
☐1I Foam Fractionation
☐1J Freezing
☐1K Gas Phase Separation
☐2J Ion Exchange
☐1O Mixing
☐2K Neutralization
☐2L Reduction
☐1W Solvent Extraction
☐1X Sorption

Sludge Management

☐5A Aerobic Digestion
☐5B Anaerobic Digestion
☐5C Belt Filtration
☐5D Centrifugation
☐5E Chemical Conditioning
☐5F Chlorine Treatment
☐5G Composting
☐5H Drying Beds
☐5I Elutriation
☐5J Flotation Thickening
☐5K Freezing (Sludge Treatment)
☐5L Gravity Thickening
☐5M Heat Drying
☐5N Heat Treatment
☐5O Incineration
☐5P Land Application (Sludge)
☐5Q Landfill
☐6E Lime Stabilization
☐5R Pressure Filtration
☐5S Pyrolysis
☐5T Sludge Lagoons
☐6K Thermophilic Digestion
☐5U Vacuum Filtration
☐5V Vibration
☐5W Wet Air Oxidation

Biological Treatment

☐3A Activated Sludge
☐3B Aerated Lagoons
☐3C Anaerobic Treatment
☐3K Biological Hydrolysis
☐8F Contact Stabilization
☐8G Extended Aeration
☐8D Lagoon(s)
☐3P 1 Cell Lagoon
☐3Q 2 Cell Lagoon
☐3R 3 Cell Lagoon
☐3S 4 Cell Lagoon
☐3D Nitrification – Denitrification.
☐8E Oxidation Pond or Ditch
☐3J Polishing Lagoons
☐6I Rock Filter
☐3I Rotating Biological Contractors
☐8B Secondary Treatment
☐3F Spray Irrigation/Land Application
☐3G Stabilization Ponds
☐8C Tertiary Treatment
☐3M Treatment by Plain Aeration
☐3H Trickling Filtration
☐6L Two Stage Activated Sludge
☐6M Vegetative Filter

Preliminary, Primary, Filtration, Other Treatment

☐1C Diatomaceous .Earth Filtration
☐1Y Equalization
☐6A Excess Flow Treatment
☐1H Flotation
☐4H Grease Removal
☐1L Grinding (Comminutors)
☐1M Grit Removal
☐3N Holding/Detention Pond
☐6B Imhoff Tank
☐1Z Intermittent Sand Filters
☐6C Irradiation/Beta Ray
☐6D Irradiation/Gamma Ray
☐1N Microstraining (Microscreening)
☐1P Moving Bed Filters
☐1Q Multimedia Filtration
☐2M Odor Control
☐6F Oil-Water Separator
☐6G Pasteurization
☐6H Phosphorus Removal
☐3L Post Aeration
☐3E Pre-Aeration
☐8A Primary Treatment
☐1R Rapid Sand Filtration
☐1S Reverse Osmosis
☐1T Screening
☐1U Sedimentation
☐1V Slow Sand Filtration
☐4F Temperature Control

Discharge Type

☐8H Constructed Wetland
☑4A Discharge to Surface Water
☐4B Ocean Discharge
☐4C Reuse/Recycle-Treated Effluent
☐4E Reuse/Sale of Wastewater
☐6J Subsurface Seepage
☐4D Underground Injection

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217)782-2829

PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

217/782-0610

June 26, 2013

IEPA EXHIBIT
No. 6

Department of the Army
Rock Island District
Corps of Engineers
Clock Tower Building
Rock Island, Illinois 61201

Re: Peoria Disposal Company
NPDES Permit No. IL0064777
Request for Corps of Engineers Comment

Gentlemen:

Attached please find a copy of the Public Notice/Fact Sheet for the subject discharge. Please review for determination of the impact of this discharge on navigation and anchorage. If no written reply is received at the indicated address, attention: NPDES PN Clerk within 15 days of the date of this request, the Agency will assume the Corps of Engineers has no objection to the proposed discharge.

Sincerely,

Darin E. LeCrone, P.E.
Manager, Industrial Unit
Division of Water Pollution Control

DEL:JAR:13061801.jar

Attachment: Public Notice/Fact Sheet

cc: Records Unit

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120
9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)814-6026

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829
PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

MEMORANDUM

DATE: June 26, 2013

TO: Manager, DWPC/FOS, Peoria Region

FROM: Darin E. LeCrone, Manager, Industrial Unit DEL

SUBJECT: Peoria County Landfill
NPDES Permit No. IL0064777
Draft Permit, Public Notice/Fact Sheet

Please review the attached copy of the subject documents, and notify the Industrial Unit if you take exception to the limitations, sampling frequency, sample type or other requirements therein.

If no response is received within fifteen (15) days from the date of this memorandum, we will assume that you concur in the issuance of the Public Notice.

If you have any questions, please contact Jaime Rabins at 217/782-0610.

Thank you for your cooperation.

DEL:JAR:13061801.jar

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit

000062

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120
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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217)782-2829

PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

217/782-0610

June 26, 2013

Peoria Disposal Company
P.O. Box 9071
Peoria, IL 61615

Re: Peoria County Landfill
NPDES Permit No. IL0064777
Draft Permit

Gentlemen:

Attached to this letter is a copy of the draft Permit, Public Notice/Fact Sheet for your discharge. The Agency proposes to issue the NPDES Permit for your discharge as shown in the draft Permit.

Fifteen days from the date of this letter, the Agency proposes to distribute the attached Public Notice/Fact Sheet statewide. If you have objections to the content of the Public Notice/Fact Sheet, a written statement must be received by the Agency at the indicated address, attention: NPDES PN Clerk within 10 days.

The Agency will receive comments regarding the Permit for a period of 30 days after the Public Notice is issued. If you wish to comment or object to any of the terms and conditions of the Permit, you must state the objections in writing prior to the end of the public notice. The Agency may or may not change the Permit based on comments received from you or the public.

If you should have questions or comments regarding the above, please contact Jaime Rabins at 217/782-0610.

Sincerely,

Darin E. LeCrone, P.E.
Manager, Industrial Unit
Division of Water Pollution Control

DEL:JAR:13061801.jar

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit

000063

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120

9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)814-6026

NPDES Permit No. IL0064777
Notice No. JAR:13061801.jar

DRAFT

Public Notice Beginning Date:

Public Notice Ending Date:

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water,
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Peoria Disposal Company
P.O. Box 9071
Peoria, IL 61615

Name and Address of Facility:

Peoria Disposal Company
4349 Southport Road
Peoria, IL 61615
(Peoria County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Jaime Rabins at 217/782-0610.

The applicant is engaged in the operation of a municipal solid waste landfill (SIC 4953). Waste water is generated from precipitation which comes into contact with daily, intermediate, and/or cover and is considered non-contaminated stormwater. Any precipitation that does come into contact with waste is collected by the landfill's leachate collection system and hauled off-site for treatment. Plant operation results in an intermittent discharge of stormwater from outfalls 002, 004, 006 and 007.

Application is made for the existing discharge which is located in Peoria County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
002	Unnamed Tributary of Kickapoo Creek	40° 43' 11"	North	89° 39' 30"	West	General Use	Not Rated
004	Unnamed Tributary of Kickapoo Creek	40° 43' 21"	North	89° 39' 3"	West	General Use	Not Rated
006	Unnamed Tributary of Kickapoo Creek	40° 43' 41"	North	89° 39' 31"	West	General Use	Not Rated
007	Unnamed Tributary of Kickapoo Creek	40° 43' 17"	North	89° 39' 38"	West	General Use	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The stream segment receiving the discharge from outfall(s) 002, 004, 006 and 007 is on the draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List as it has not been assessed. The receiving water has not been given an integrity rating or been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System.*

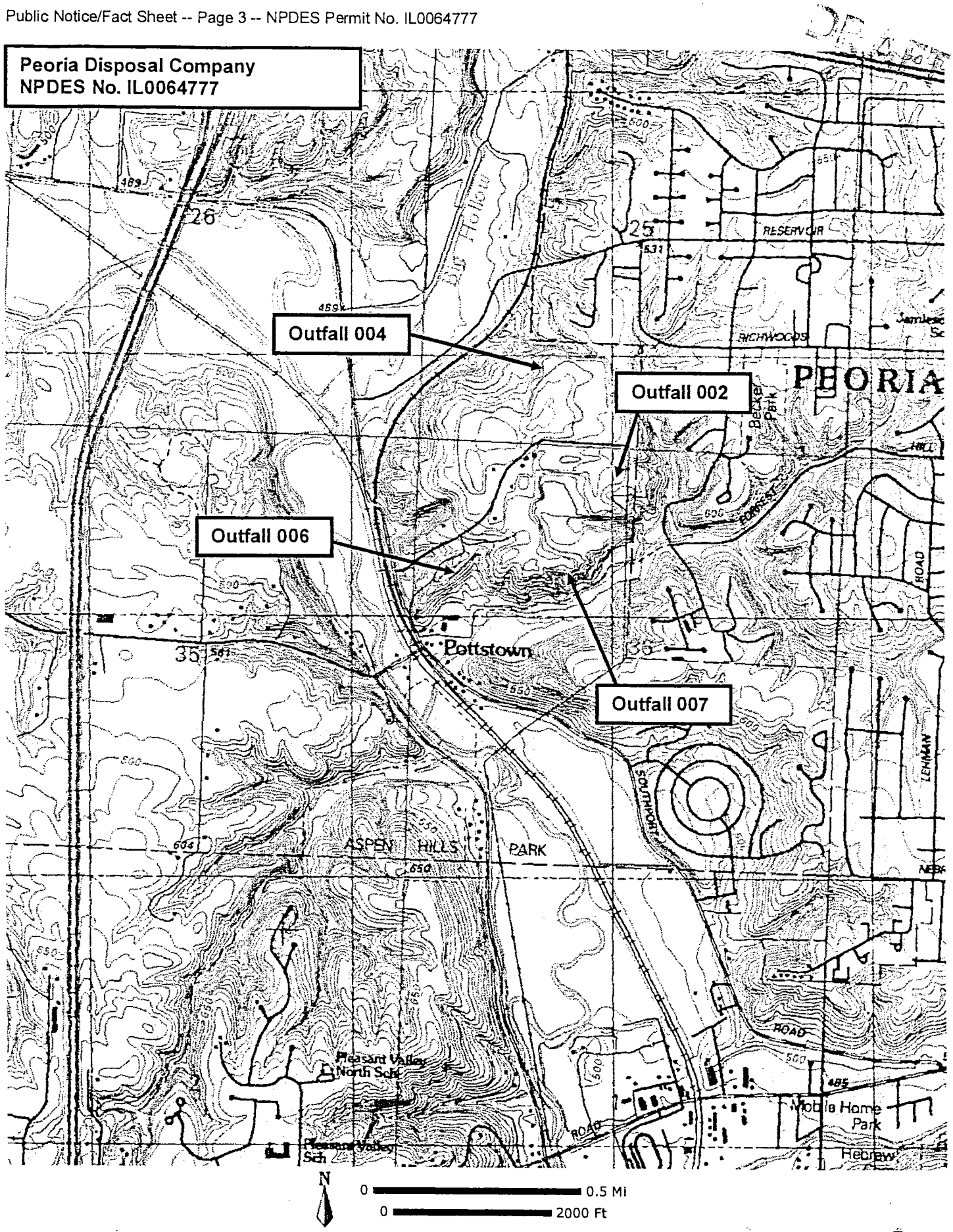
The discharge(s) from the facility shall be monitored and limited at all times as follows:

Outfall: 001 and 002 Stormwater (Intermittent Discharge)

	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/l		
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Outfalls: 002 and 006 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Outfall: 004 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Cadmium					0.041	35 IAC 302.208
Outfall: 007 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Lead					0.489	35 IAC 302.208
Mercury					0.0022	35 IAC 302.208

The following explain the conditions of the proposed permit:

The special conditions clarify: flow, monitoring location, discharge monitoring reports, re-opener, and stormwater pollution prevention plan.


Peoria Disposal Company
NPDES No. IL0064777
Outfall 004
Outfall 002
Outfall 006
Outfall 007
PEORIA
Pottstown
ASPEN HILLS PARK
RESERVOIR
RICHWOODS
Becker Park
FOREST
ROAD
SOUTHPORT
LEHMAN
Pleasant Valley North Sch
Pleasant Valley Sch
Mobile Home Park
Hebrew
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0 0.5 Mi
0 2000 Ft

NPDES Permit No. IL0064777

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Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:
Effective Date:

Name and Address of Permittee:

Peoria Disposal Company
P.O. Box 9071
Peoria, IL 61615

Facility Name and Address:

Peoria County Landfill
17201 20th Ave.
Peoria, IL 61615
(Peoria County)

Discharge Number and Name:	Receiving Waters:
002 Stormwater	Unnamed Tributary of Kickapoo Creek
004 Stormwater	Unnamed Tributary of Kickapoo Creek
006 Stormwater	Unnamed Tributary of Kickapoo Creek
007 Stormwater	Unnamed Tributary of Kickapoo Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

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NPDES Permit No. IL0064777

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfalls: 002 and 006 Stormwater (Intermittent Discharge)

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Flow (MGD)					Daily	

See Special Condition 1.

NPDES Permit No. IL0064777

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Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall: 004 Stormwater (Intermittent Discharge)

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Flow (MGD)					Daily	
Cadmium				0.041	1/Month	Grab

See Special Condition 1.

NPDES Permit No. IL0064777

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall: 007 Stormwater (Intermittent Discharge)

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Flow (MGD)					Daily	
Lead				0.489	1/Month	Grab
Mercury				0.0022	1/Month	Grab

See Special Condition 1.

Special Conditions

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SPECIAL CONDITION 1.

A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

1. General storm water pollution prevention plan requirements applicable to both landfill activities and landfill construction activities are as follows:

   a. The stormwater pollution prevention plan (SWPPP) developed for previous permits shall be maintained and if necessary amended by the permittee.

   b. The owner or operator of a landfill with storm water discharges covered by this permit shall make a copy of the plan available to the Agency at any reasonable time upon request. A copy of the plan shall be maintained at the landfill for which storm water discharges are covered by this permit.

   c. The permittee may be notified in writing by the Agency, at any time, that the plan does not meet the requirements of this permit. After such notification, the permittee shall make changes to the plan and shall submit a written certification that the requested changes have been made. Unless otherwise provided, the permittee shall have 30 days after such notification to make the changes.

   d. The discharger shall amend the plan whenever there is a change in construction, operation, or maintenance which affects the discharge quantity of pollutants to waters of the State or if a facility inspection required by paragraph A.1.f. of this Special Condition indicates that an amendment is needed. The plan should also be amended if the discharger is in violation of any conditions of this permit, or has not achieved the general objectives of controlling pollutants in storm water discharges. Amendments to the plan shall be made within the shortest reasonable period of time, and shall be provided to the Agency for review upon request.

      In addition to the above requirements, the plan shall be amended if sludge or bioremediated soils are utilized as daily, intermediate or final cover, if spray-on erosion or dust control/daily cover products are utilized, if pond water is utilized for dust control or other means or if additives are utilized to enhance effluent quality. Stormwater runoff from areas where sludge or bioremediated soils are utilized or stockpiled shall be diverted to detention basins when ever possible. Daily cover or approved alternate daily cover shall be utilized on sludge or bioremediated soils to prevent excessive wash out of the solids. Pond water utilized for dust suppression or other means shall be restricted in quantities, locations and time periods to prevent runoff, wash off due to precipitation or tracking on tires due to mud formation. Spray on products or effluent enhancing additives shall be reviewed and approved prior to use. Information that should be provided with a request for approval of effluent enhancing additives shall include but not be limited to the following:

      1. MSDS sheets
      2. List of active and inactive ingredients
      3. Expected dosage rate
      4. Expected concentration in the discharge

      Information to be provided with a request for approval of spray on products shall include but not be limited to the following;

      1. MSDS sheets if available
      2. List of compounds comprising the product, especially biocides, and amounts of each compound
      3. Area utilized, drainage area tributary outfall and method of application
      4. Information, if available, regarding degradation rates
      5. Expect stormwater runoff quality

   e. Non-Storm Water Discharges - The plan shall include a certification that the discharge has been tested or evaluated for the presence of non-storm water discharges. The certification shall include a description of any tests for the presence of non-storm water discharges, the methods used, the dates of the testing, and any on-site drainage points that were observed during the testing. Any facility that is unable to provide this certification must describe the procedure of any test conducted for the presence of non-storm water discharges, the test results, potential sources of non-storm water discharges to the storm sewer, and why adequate tests for such storm sewers were not feasible. Non-stormwater discharges shall include but not be limited to those discharges identified as categorical discharges under 40 CFR 445 Landfills Point Source Category.

   f. The permittee shall conduct facility inspections to verify that all elements of the plan, including the site map, potential pollutant sources, and structural and non-structural controls to reduce pollutants in landfill storm water discharges are accurate. Inspections shall be conducted quarterly during or shortly after a significant rain event, but no less than annually if no such significant rain event occurs. Observations that require a response and the appropriate response to the observation shall be retained as part of the plan. Records documenting observations made during the site inspection shall be submitted to the Agency in accordance with the reporting requirements of this permit.

g. The plan should briefly describe the appropriate elements of other program requirements, including Spill Prevention Control and Countermeasures (SPCC) plans required under Section 311 of the CWA and the regulations promulgated thereunder, and Best Management Programs under 40 CFR 125.100.

h. The plan is considered a report that shall be available to the public under Section 308(b) of the CWA. The permittee may claim portions of the plan as confidential business information, including any portion describing facility security measures.

i. The plan shall include the signature and title of the person responsible for preparation of the plan and include the date of initial preparation and each amendment thereto.

2. The storm water pollution prevention plan for landfill construction activities shall include the following items:

a. **Site Description.** Each plan shall, provide a description of the following:

i. A description of the nature of the construction activity;

ii. A description of the intended sequence of major activities which disturb soils for major portions of the site (e.g. grubbing, excavation, grading);

iii. Estimates of the total area of the site and the total area of the site that is expected to be disturbed by excavation, grading, or other activities;

iv. An estimate of the runoff coefficient of the site after construction activities are completed and existing data describing the soil or the quality of any discharge from the site;

v. A site map indicating drainage patterns and approximate slopes anticipated before and after major grading activities, area of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands), and locations where storm water is discharged to a surface water; and

vi. The name of the receiving water(s) and the ultimate receiving water(s), and aerial extent of wetland acreage at the site.

b. **Controls.** Each plan shall include a description of appropriate controls that will be implemented at the construction site. The plan will clearly describe for each major activity identified, appropriate controls and the timing during the construction process that the controls will be implemented. (For example, perimeter controls for one portion of the site will be installed after the clearing and grubbing necessary for installation of the measure, but before the clearing and grubbing for the remaining portions of the site. Perimeter controls will be actively maintained until final stabilization of those portions of the site upward of the perimeter control. Temporary perimeter controls will be removed after final stabilization). The description of controls shall address as appropriate the following minimum components:

i. **Erosion and Sediment Controls.**

(A). **Stabilization Practices.** A description of interim and permanent stabilization practices, including site-specific scheduling of the implementation of the practices. Site plans should ensure that existing vegetation is preserved where attainable and that disturbed portions of the site are stabilized. Stabilization practices may include: temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures that might be found in the "Illinois Urban Manual" dated 2002. A record of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be included in the plan. Except as provided in paragraphs A.2.b.i.(A).(1). and A.2.b.ii., stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased.

(1). Where the initiation of stabilization measures by the 14th day after construction activity temporary or permanently cease is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.

(2). Where construction activity will resume on a portion of the site within 21 days from when activities ceased, (e.g. the total time period that construction activity is temporarily ceased is less than 21 days) then stabilization measures do not have to be initiated on that portion of site by the 14th day after construction activity temporarily ceased.

(B). **Structural Practices.** A description of structural practices to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. Structural practices should be placed on upland soils to the degree

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attainable. The installation of these devices may be subject to Section 404 of the CWA.

ii. **Storm Water Management.** A description of measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. Structural measures should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 of the CWA. This permit only addresses the installation of storm water management measures, and not the ultimate operation and maintenance of such structures after the construction activities have been completed and the site has undergone final stabilization. Permittees are responsible for only the installation and maintenance of storm water management measures prior to final stabilization of the site, and are not responsible for maintenance after storm water discharges associated with landfill construction have been eliminated from the site.

(A). Such practices may include: storm water detention structures (including wet ponds); storm water retention structures; flow attenuation by use of open vegetated swales and natural depressions; infiltration of runoff on-site; and sequential systems (which combine several practices). The pollution prevention plan shall include an explanation of the technical basis used to select the practices to control pollution where flows exceed predevelopment levels.

(B). Velocity dissipation devices shall be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g. maintenance of hydrologic conditions, such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

iii. **Other Controls.**

(A). **Waste Disposal.** No solid materials, including building materials, shall be discharged to Waters of the State, except as authorized by a Section 404 permit.

(B). The plan shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.

iv. **Approved State or Local Plans.** The management practices, controls and other provisions contained in the storm water pollution prevention plan must be at least as protective as the requirements contained in the "Illinois Urban Manual" dated 2002. Facilities which discharge storm water associated with construction site activities must include in their storm water pollution prevention plan any applicable local requirements. Storm water management requirements approved by local officials that are applicable to protecting surface water resources are incorporated by reference and are enforceable under this permit even if they are not specifically included in a storm water pollution prevention plan required under this permit. This provision does not apply to provisions of master plans, comprehensive plans, non-enforceable guidelines or technical guidance documents that are not identified in a specific plan or permit that is issued for the construction site.

c. **Maintenance.** A description of procedures to maintain in good and effective operating conditions vegetation, erosion and sediment control measures and other protective measures identified in the site plan.

3. The storm water pollution prevention plan for new and existing storm water discharges associated with active or inactive landfill or open dumps and any on-site ancillary activities that receive or have received any industrial wastes shall include the following items:

a. The plan shall provide a description of potential sources which may be expected to add significant quantities of pollutants to storm water discharges, or which may result in non-storm water discharges from the facility. The plan shall include, at a minimum, the following items:

i. A topographic map extending one-quarter mile beyond the property boundaries of the facility, showing: the facility, surface water bodies, wells (including injection wells), seepage pits, infiltration ponds, and the discharge points where the facility's storm water discharges to surface waters. The requirements listed in this paragraph may be included on the site map if appropriate.

ii. A site map showing:

(A). The storm water conveyance and discharge structures;

(B). An outline of the storm water drainage areas for each storm water discharge point;

(C). Paved areas and buildings;

(D). Areas used for outdoor storage, or disposal of significant materials, including activities that generate significant quantities of dust or particulates;

(E). Location of existing storm water structural control measures (dikes, coverings, detention facilities, etc.);

(F). Surface water locations;

(G). Areas of existing and potential soil erosion;

(H). Vehicle service and traffic areas;

(I). Material loading, unloading, and access areas;

(J). Areas that have daily cover, intermediate final cover and final vegetative cover of the landfill;

(K). Areas that are considered ancillary operations of a landfill.

iii A narrative description of the following:

(A). The nature of the landfill activities conducted at the site, including a description of significant materials that are treated, stored or disposed of in a manner to allow exposure to storm water;

(B). Materials, equipment, and vehicle management practices employed to minimize contact of significant materials with storm water discharges;

(C). Existing structural and non-structural control measures to reduce pollutants in storm water discharges;

(D). Landfill storm water discharge treatment facilities;

(E). Methods of on-site storage and disposal of significant materials.

iv. A list of the types of pollutants found present by required testing, either by this permit or application requirements.

v. An estimate of the size of the facility in acres or square feet, and the percent of the facility that has impervious areas such as pavement or buildings.

vi. A summary of existing sampling data describing pollutants in storm water discharges from the landfill or ancillary activities.

b. The plan shall describe the storm water management controls which will be implemented by the facility. The appropriate controls shall reflect identified existing and potential sources of pollutants at the facility. The description of the storm water management controls shall include:

i. Storm Water Pollution Prevention Personnel - Identification by job titles of the individuals who are responsible for developing, implementing, and revising the plan.

ii. Preventive Maintenance - Procedures for inspection and maintenance of storm water conveyance system and devices such as oil/water separators, catch basins, etc., and inspection and testing of plant equipment and systems that could fail and result in discharges of pollutants to storm water.

iii. Good Housekeeping - Good housekeeping requires the maintenance of clean, orderly facility areas that discharge storm water. Material or handling areas shall be inspected and cleaned to reduce the potential for pollutants to enter the storm water conveyance system.

iv. Spill Prevention and Response - Identification of areas where significant materials can spill into or otherwise enter the storm water conveyance systems and their accompanying drainage points. Specific material handling procedures, storage requirements, spill clean up equipment and procedures should be identified, as appropriate. Internal notification procedures for spills of significant materials should be established.

v. Storm Water Management Practices - Storm water management practices are practices other than those which control the source of pollutants. They include measures such as installing oil and grit separators, diverting storm water into retention basins, etc. Based on assessment of the potential of various sources to contribute pollutants, measures to remove pollutants from storm water discharge shall be implemented. In developing the plan, the following management practices shall be considered:

(A). Containment - Storage within berms or other secondary containment devices to prevent leaks and spills from entering storm water runoff;

(B). Oil & Grease Separation - Oil/water separators, booms, skimmers or other methods to minimize oil contaminated storm water discharges;

(C). Debris & Sediment Control - Screens, booms, sediment ponds or other methods to reduce debris and sediment in storm water discharges;

(D). Waste Chemical Disposal - Waste chemicals such as antifreeze, degreasers and used oils shall be recycled or disposed of in an approved manner and in a way which prevents them from entering storm water discharges;

(E). Storm Water Diversion - Storm water diversion away from storage and other areas of potential storm water contamination;

(F). Covered Storage - Covered fueling operations and storage areas to prevent contact with storm water.

vi. Sediment and Erosion Prevention - The plan shall identify areas which due to topography, activities, or other factors, have a high potential for significant soil erosion and describe measures to limit erosion.

vii. Employee Training - Employee training programs shall inform personnel at all levels of responsibility of the components and goals of the storm water pollution control plan. Training should address topics such as spill response, good housekeeping and material management practices. The plan shall identify periodic dates for such training.

viii. Inspection Procedures - Qualified plant personnel shall be identified and inspect designated equipment and landfill areas. A tracking or follow-up procedure shall be used to ensure appropriate response has been taken in response to an inspection. Inspections and maintenance activities shall be documented and recorded with copies of the records maintained at the site of the permitted landfill.

B. CONSTRUCTION AUTHORIZATION

Authorization is hereby granted to construct treatment works and related equipment that may be required by the Storm Water Pollution Prevention Plan developed pursuant to this permit.

This Authorization is issued subject to the following condition(s).

1. If any statement or representation is found to be incorrect, this authorization may be revoked and the permittee thereupon waives all rights thereunder.

2. The issuance of this authorization (a) does not release the permittee from any liability for damage to persons or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (b) does not take into consideration the structural stability of any units or part of this project; and (c) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or other applicable local law, regulations or ordinances.

3. Plans and specifications of all treatment equipment being included as a part of the storm water management practice shall be included in the SWPPP.

4. Any modification of or deviation from the plans and specifications included in the site's current SWPPP requires amendment of the SWPPP.

C. REPORTING

1. The facility shall submit a quarterly inspection report to the Illinois Environmental Protection Agency. The report shall include results of the facility inspections which are required by A.1.f. of this permit. The reports shall also include documentation of any event (spill, treatment unit malfunction, etc.) which would require an inspection, results of the inspection, and any subsequent corrective maintenance activity. The report shall be completed and signed by the authorized facility employee(s) who conducted the inspection(s).

2. All reports shall contain information gathered during the previous quarter beginning with the effective date of this permit and shall be submitted no later than 30 days after each quarter with each subsequent report containing the previous quarter's information.

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3. Quarterly inspection reports shall be mailed to the following address:

   Illinois Environmental Protection Agency
   Bureau of Water
   Compliance Assurance Section, Mail Code #19
   Quarterly Report
   1021 North Grand Avenue East
   P.O. Box 19276
   Springfield, Illinois 62794-9276

4. If the facility performs inspections more frequently than required by this permit, the results shall be included as additional information in the quarterly report.

D. DEFINITIONS

1. Non-contaminated stormwater means stormwater which does not come in direct contact with landfill wastes, the waste handling and treatment areas, or landfill wastewater. Non-contaminated stormwater includes stormwater which flows off the cap, cover, intermediate cover, daily cover, and/or final cover of the landfill.

2. Landfill wastewater means all wastewater associated with, or produced by, landfilling activities except for sanitary wastewater, non-contaminated storm water, contaminated ground water, and wastewater from recovery pumping wells. Landfill wastewater includes, but is not limited to, leachate, gas collection condensate, drained free liquids, laboratory derived wastewater, contaminated storm water and contact washwater from washing truck, equipment, and railcar exteriors and surface areas which have come in direct contact with solid waste at the landfill facility.

3. Land application unit means an area where wastes are applied onto or incorporated into the soil surface (excluding manure spreading operations) for treatment or disposal.

4. Landfill means an area of land or an excavation in which wastes are placed for permanent disposal, and which is not a land application unit, surface impoundment, injection well or waste pile.

5. Section 313 water priority chemical means a chemical or chemical categories which: 1) Are listed at 40 CFR 372.65 pursuant to Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) (also known as Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1987); 2) are present at or above threshold levels at a facility subject to EPCRA Section 313 reporting requirements; and 3) that meet at least one of the following criteria: (I) Are listed in Appendix D of 40 CFR 122 on either Table II (organic priority pollutants), Table III (certain metals, cyanides, and phenols) or Table V (certain toxic pollutants and hazardous substances); (ii) are listed as a hazardous substance pursuant to Section 311(b)(2)(A) of the CWA at 40 CFR 116.4; or (iii) are pollutants for which EPA has published acute or chronic water quality criteria.

6. Significant materials includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of CERCLA; any chemical the facility is required to report pursuant to EPCRA Section 313; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges.

7. Significant spills includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (see 40 CFR 110.10 and CFR 117.21) or Section 102 of CERCLA (see 40 CFR 302.4).

8. Leachate means liquid containing materials removed from solid waste. For the purpose of this permit, storm water which falls onto areas of the landfill which have exposed waste or seeps shall be considered leachate.

9. Solid waste means a waste that is defined in this Section as an inert waste, as a putrescible waste, as a chemical waste or as a special waste, and which is not also defined as a hazardous waste pursuant to 35 Ill. Adm. Code 721.

10. Chemical waste means a non-putrescible solid whose characteristics are such that any contaminated leachate is expected to be formed through chemical or physical processes, rather than biological processes, and no gas is expected to be formed as a result.

11. Inert waste means any solid waste that will not decompose biologically, burn, serve as food for vectors, form a gas, cause an odor, or form a contaminated leachate, as determined in accordance with Section 811.202(b). Such inert wastes shall include only non-biodegradable and non-putrescible solid wastes. Inert wastes may include, but are not limited to, bricks, masonry and concrete (cured for 60 days or more).

12. Putrescible waste means a solid waste that contains organic matter capable of being decomposed by microorganisms so as to cause a malodor, gases, or other offensive conditions, or which is capable of providing food for birds and other vectors. Putrescible wastes may form a contaminated leachate from microbiological degradation, chemical processes, and physical processes. Putrescible

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waste includes, but is not limited to, garbage, offal, dead animals, general household waste, and commercial waste. All solid wastes which do not meet the definitions of inert or chemical wastes shall be considered putrescible wastes.

13. Special waste means any industrial process waste, pollution control waste or hazardous waste, except as determined pursuant to Section 22.9 of the Act and 35 Ill. Adm. Code 808.

14. Daily cover described in 35 Ill. Adm. Code 811.106.

15. Intermediate cover described in 35 Ill. Adm. Code 811.313.

16. Final cover described in 35 Ill. Adm. Code 811.314 or other approved cover systems.

17. Ancillary activities means any equipment, structures and other devices that are necessary for proper operation of the landfill in accordance with the requirements of the Environmental Protection Act (current edition).

18. Industrial wastes means waste that is received from any of the facilities described in 40 CFR 122.26(b)(14).

19. Significant rain event means any rainfall event or equivalent snowfall which is 0.1 inches or greater and occurs, at a minimum, 72 hours from the previously measurable (greater than 0.1 inch rainfall or equivalent snow melt) storm event.

Note that additional definitions are included in the permit Standard Conditions, Attachment H.

E. SAMPLE REQUIREMENTS

The permittee shall initiate a quarterly monitoring program of stormwater or snowmelt discharges associated with active or inactive landfills and any on-site ancillary activities. Samples shall be collected from the discharge resulting from a rainfall event that is greater than 0.1 inches in magnitude or equivalent snow melt and occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall or equivalent snow melt) storm event. Storm water discharges resulting from strictly landfill construction activities, areas of the landfill under construction that have not received waste, shall not be required to perform monitoring.

For discharges from holding ponds or other impoundments with a retention period greater than 24 hours, a minimum of one grab sample may be taken and analyzed. For all other discharges, a grab sample shall be taken during the first thirty minutes of the discharge and a minimum of three sample aliquots taken in each hour of the discharge for the entire discharge or the first three hours of the discharge, with each aliquot being separated by a minimum period of fifteen minutes. The grab sample taken during the initial thirty minutes of discharge shall be analyzed separately and the remaining sample aliquots may be combined to form a single sample for analysis.

The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, http://www.epa.state.il.us/water/edmr/index.html.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

The permittee shall sample stormwater discharges for the following:

Ammonia (as N)
Arsenic
Barium
BOD_5
Lead
Manganese
Mercury
Nickel

Special Conditions

Boron
Cadmium
Chloride
Chromium (Hexavalent)
Chromium (Trivalent)
Copper
Fluoride
Oil & Grease
Hardness
Iron (dissolved)
pH
Phenols
Sulfate
Iron (Total)
Total Dissolved Solids
Temperature
TOC
TSS
Zinc

Monitoring requirements for oil and grease, pH and temperature shall only be performed on the initial grab sample.

In addition to the sample requirements, the permittee shall make a reasonable attempt to measure the flow of the stormwater discharge from each outfall and the storm duration and total precipitation quantity causing the stormwater discharge on a daily basis and report results as a monthly average and daily maximum value in units of Million Gallons per Day (MGD) on the monthly DMR forms.

Unless otherwise indicated, concentrations refer to the total amount of the constituent present in all phases, whether solid, suspended or dissolved, elemental or combined, including all oxidation states. Where constituents are commonly measured as other than total, the word "total" is inserted for clarity.

The analyses for the above parameters shall meet the detection limits as established for accepted test procedures listed in 40 CFR 136. Mercury shall be monitored using USEPA Method 1631.

Quarterly sample results shall be submitted with the January, April, July and October DMR's.

SPECIAL CONDITION 2. For the purpose of this permit outfalls 002, 004, 006 and 007 are limited to stormwater, free from leachate and other wastewater discharges.

SPECIAL CONDITION 3. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 4. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 5. The issuance of this permit, construction authorizations or other approvals, does not relieve the permittee of the responsibilities of complying with the provisions required by the Bureau of Land.

SPECIAL CONDITION 6. The permittee shall request modification of this permit in accordance with attachment H prior to utilizing biosolids or bioremediated soils as final protective cover, final cover, intermediate cover or daily cover.

Attachment H

Standard Conditions

Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended. 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24-Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8-Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

(1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirements.

(2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.

(3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

(5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

(6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62 and 40 CFR 122.63. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

(7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.

(8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.

(9) **Inspection and entry**. The permittee shall allow an authorized representative of the Agency or USEPA (including an authorized contractor acting as a representative of the Agency or USEPA), upon the presentation of credentials and other documents as may be required by law, to:
(a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
(c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
(d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.

(10) **Monitoring and records.**
(a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
(b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. Records related to the permittee's sewage sludge use and disposal activities shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503). This period may be extended by request of the Agency or USEPA at any time.
(c) Records of monitoring information shall include:
(1) The date, exact place, and time of sampling or measurements;
(2) The individual(s) who performed the sampling or measurements;
(3) The date(s) analyses were performed;
(4) The individual(s) who performed the analyses;
(5) The analytical techniques or methods used; and
(6) The results of such analyses.
(d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

(11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
(a) **Application**. All permit applications shall be signed as follows:
(1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation:
(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
(3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
(b) **Reports**. All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
(1) The authorization is made in writing by a person described in paragraph (a); and
(2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
(3) The written authorization is submitted to the Agency.
(c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
(d) **Certification**. Any person signing a document under paragraph (a) or (b) of this section shall make the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

(12) **Reporting requirements.**
(a) **Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
Notice is required when:
(1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source pursuant to 40 CFR 122.29 (b); or
(2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements pursuant to 40 CFR 122.42 (a)(1).
(3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
(b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
(c) **Transfers.** This permit is not transferable to any person except after notice to the Agency.
(d) **Compliance schedules**. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
(e) **Monitoring reports**. Monitoring results shall be reported at the intervals specified elsewhere in this permit.
(1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).

(2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

(3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.

(f) **Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24-hours:

(1) Any unanticipated bypass which exceeds any effluent limitation in the permit.

(2) Any upset which exceeds any effluent limitation in the permit.

(3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit or any pollutant which may endanger health or the environment.

The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24-hours.

(g) **Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12) (d), (e), or (f), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12) (f).

(h) **Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.

(13) **Bypass.**

(a) Definitions.

(1) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.

(2) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

(b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (13)(c) and (13)(d).

(c) Notice.

(1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.

(2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in paragraph (12)(f) (24-hour notice).

(d) Prohibition of bypass.

(1) Bypass is prohibited, and the Agency may take enforcement action against a permittee for bypass, unless:

(i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

(iii) The permittee submitted notices as required under paragraph (13)(c).

(2) The Agency may approve an anticipated bypass, after considering its adverse effects, if the Agency determines that it will meet the three conditions listed above in paragraph (13)(d)(1).

(14) **Upset.**

(a) Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

(b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (14)(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

(c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An upset occurred and that the permittee can identify the cause(s) of the upset;

(2) The permitted facility was at the time being properly operated; and

(3) The permittee submitted notice of the upset as required in paragraph (12)(f)(2) (24-hour notice).

(4) The permittee complied with any remedial measures required under paragraph (4).

(d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

(15) **Transfer of permits.** Permits may be transferred by modification or automatic transfer as described below:

(a) Transfers by modification. Except as provided in paragraph (b), a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued pursuant to 40 CFR 122.62 (b) (2), or a minor modification made pursuant to 40 CFR 122.63 (d), to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

(b) Automatic transfers. As an alternative to transfers under paragraph (a), any NPDES permit may be automatically transferred to a new permittee if:

(1) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
(2) The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage and liability between the existing and new permittees; and
(3) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.

(16) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:
(a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
(1) One hundred micrograms per liter (100 ug/l);
(2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
(3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
(4) The level established by the Agency in this permit.
(b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.

(17) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:
(a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
(b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
(c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

(18) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:
(a) User charges pursuant to Section 204 (b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
(b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
(c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.

(19) If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.

(20) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.

(21) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.

(22) The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than one year, or both.
Additional penalties for violating these sections of the Clean Water Act are identified in 40 CFR 122.41 (a)(2) and (3).

(23) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than $20,000 per day of violation, or by imprisonment of not more than 4 years, or both.

(24) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

(25) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.

(26) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.

(27) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board or any court with jurisdiction.

(28) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.

(Rev. 7-9-2010 bah)

Peoria Disposal Company
4349 Southport Road
Peoria, Illinois 61615
309.676.4893
www.pdcarea.com

July 3, 2013

Mr. Alan Keller, P.E.
Manager Permit Section
Illinois Environmental Protection Agency (IEPA)
Division of Water Pollution Control – Permit Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794

Re: Requested Revisions to Draft Public Notice/Fact Sheet and Individual NPDES Draft Permit No. IL0064777
IEPA ID No. 1438120003
Peoria Disposal Company
Peoria County

Attention: NPDES PN Clerk:

Peoria Disposal Company (PDC) is providing comments and is requesting revisions to the Illinois Environmental Protection Agency (IEPA), Division of Water Pollution Control – Permit Section Draft Public Notice/Fact Sheet for the Draft Reissued NPDES Permit No. IL0064777, dated June 26, 2013.

PDC's comments are enumerated and presented in bold font below, followed by the requested revisions:

1. **The IEPA cover letter reference line identifies the facility as Peoria County Landfill.**

   The facility is Peoria Disposal Company, which differs from the Peoria City/County Landfill, a separate facility jointly owned by the City and County of Peoria.

2. **Public Notice/Fact Sheet Page 1, 4th Paragraph, 1st sentence states that the facility is engaged in the operation of a municipal solid waste landfill.**

   The PDC facility is not a municipal solid waste landfill. Rather, the Facility manages RCRA-regulated non-hazardous and hazardous industrial, commercial and remediation wastes. Additionally, landfilling operations ceased on June 28, 2013, and the landfill is currently receiving final cover. Remaining industrial activities associated with the Facility include:

   a. RCRA non-hazardous and hazardous waste treatment. Wastes are received and treatment occurs within the fully enclosed Waste Stabilization Facility. The Waste

Stabilization Facility is equipped with a baghouse for controlling particulate emissions. Treated wastes are transferred into containers located south of the Waste Stabilization Facility for curing. Once cured and demonstrated by laboratory analysis to pass the applicable RCRA treatment standards, the waste is loaded into trucks and transported to another RCRA-permitted landfill facility for disposal.

b. Storage and treatment of industrial wastewaters and leachate from the closed landfill units at the PDC Facility occurs at the PDC Wastewater Treatment Plant (PDC WWTP). The treated wastewater is discharged to the Greater Peoria Sanitary District (GPSD) in conformance with the requirements of Discharge Permit No. 11-1685 issued by the GPSD.

c. Soil, aggregate, and road salt stockpiles used for facility maintenance and operations. The facility previously stockpiled soil for use as daily, intermediate, and final cover. In general, soil stockpiling will cease upon completion of final cover installation, with the exception of potentially maintaining a minor stockpile for miscellaneous construction activities. Aggregate will continue to be utilized as necessary to maintain roads, and road salt is utilized on paved areas during winter weather conditions as needed.

d. Heavy equipment maintenance is performed inside the Facility Maintenance Building.

e. Scaling of inbound and outbound waste-hauling vehicles is performed at the Scale Area.

f. PDC maintains a Welding & Fabrication Shop for performing structural repairs, welding, and fabrication of construction equipment, roll-off boxes, etc.

3. **Public Notice/Fact Sheet Page 1, 4th Paragraph, 3rd sentence states that leachate is hauled off-site for treatment.**

   Leachate is collected within the Facility and treated onsite at the PDC WWTP and subsequently discharged to the GPSD as noted above.

4. **Public Notice/Fact Sheet Page 2, 4th Paragraph, last sentence references Outfalls 002, 004, 006, and 007.**

   Since submittal of the permit renewal application, we have identified a fifth outfall, located immediately north of the Welding & Fabrication Shop. Its location, identified as Outfall 008, is shown on Figure 1 in Attachment 1. Revised site drainage maps (Exhibit 1-XI: B and Exhibit 2F-III: B) are provided in Attachment 2. A revised Form 2F is provided in Attachment 3.

5. **Public Notice/Fact Sheet Page 2, 5th Paragraph references Outfall 001.**

   Outfall 001 no longer exists.

6. **Public Notice/Fact Sheet Page 2 and Draft Permit Page 3: Load limits for Outfalls 004; Page 11, Part E. Sample Requirements.**

The facility ceased landfilling operations on June 28, 2013 and is in the process of completing the installation of final cover (reference NPDES Permit No. ILR10R306). The final cover includes an impervious barrier consisting of compacted clay and a high density polyethylene geomembrane overlain by a protective cover consisting of 2.5 feet of soil. A subsurface drainage system (installed above the geomembrane) drains water that infiltrates the protective cover. The protective cover will be vegetated with grass. We currently anticipate that the final cover earthwork will be completed by late August, with seeding occurring shortly thereafter.

PDC is requesting removal of the monthly sampling and load limit requirements for cadmium at Outfall 004. After reviewing the analytical data submitted to the Agency on August 28, 2012, the cadmium value was incorrectly reported as 0.057 milligrams per liter (mg/l), the correct value is 0.0057 mg/l. An amended Form 2F is provided in Attachment 3, which includes revised Outfall 004 Page VII-1. A copy of the original analytical report is provided in Attachment 4. Using the factors provided in the IEPA memorandum from Bob Mosher (Manager Water Quality Section) to Jamie Rabins (IEPA Permit Engineer), dated June 11, 2013, the amended 95% Potential value for cadmium will be equal to 0.0353 (0.0057 x 6.2), which is lower than the acute standard of 0.041.

Outfalls 002 and 004 each receive runoff from closed portions of Landfill Area C. Due to the similar watershed characteristics of Outfalls 002 and 004, and as demonstrated by the similar storm water quality analytical results, PDC believes that storm water monitoring at Outfall 002 will be representative of storm water quality at Outfall 004. Therefore, PDC requests that the qualitative sampling requirements for Outfall 004 be eliminated. PDC agrees to monitor storm water quality at Outfall 002 as described in the Draft Permit.

Outfalls 006 and 007 each receive runoff from portions of the closed Solid Waste Landfill and Landfill Area 1. Due to the similar watershed characteristics of Outfalls 006 and 007, and as demonstrated by the similar storm water quality analytical results, PDC believes that storm water monitoring at Outfall 007 will be representative of storm water quality at Outfall 006. Therefore, PDC requests that the monthly and quarterly qualitative sampling requirements for Outfall 006 be eliminated. PDC agrees to monitor storm water quality at Outfall 007 as described in the Draft Permit.

Outfalls 007 and 008 each receive runoff from portions of the closed Solid Waste Landfill and maintenance areas. Due to the similar watershed characteristics of Outfalls 007 and 008, and because of the very limited watershed area served by Outfall 008, PDC believes that storm water monitoring at Outfall 007 will be representative of storm water quality at Outfall 008. Therefore, PDC requests that qualitative sampling requirements

for Outfall 008 be eliminated. PDC agrees to monitor storm water quality at Outfall 007 as described in the Draft Permit.

7. **Public Notice/Fact Sheet Page 3: Outfall Map.**

   The outfalls are incorrectly numbered and not accurately located on the map provided on Page 3 of the Public Notice/Fact Sheet. The correct outfall identification numbers and locations (including newly identified Outfall 008) are shown on Figure 1, provided herewith in Attachment 1.

8. **The Draft Permit cover page references an incorrect Facility Name and Address.**

   The Facility Name and Address should be as follows:

   Peoria Disposal Company
   4349 West Southport Road
   Peoria, Illinois 61615
   (Peoria County)

We are hopeful that this letter and its attachments will result in modifying the IEPA NPDES Draft Public Notice/Fact Sheet and Permit No. IL0064777 as requested. Please contact me at (309) 495-1551, or by e-mail at rwelk@pdcarea.com if you have any questions, comments, or if any additional information is required.

Sincerely,
Peoria Disposal Company

Ronald J. Welk
Vice President

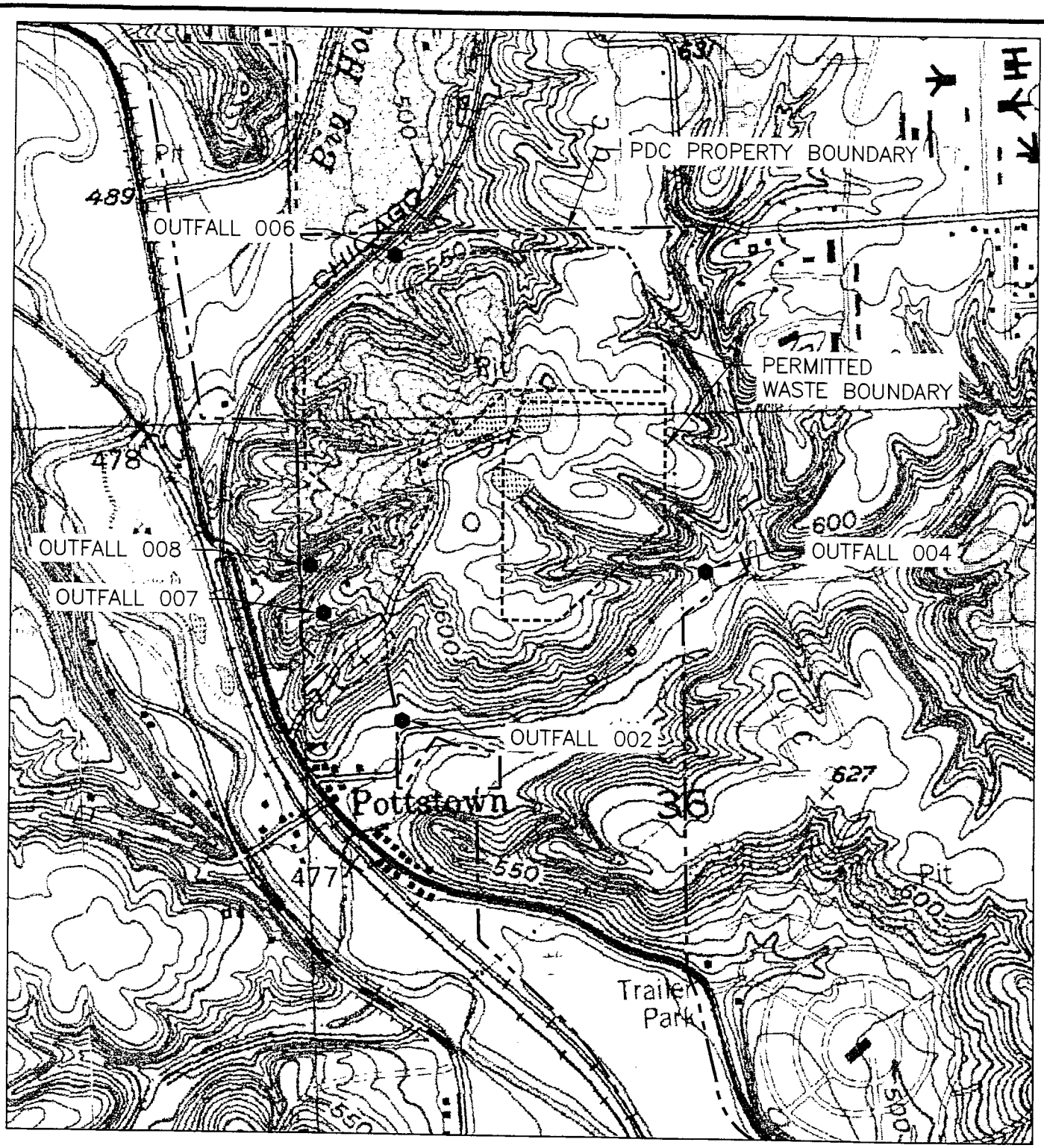
Attachments 1 – Figure 1 IL0075604 Permit Renewal Outfall Locations
2 – Revised Site Drainage Maps
3 – Revised Form 2F
4 – Laboratory Analytical Report for Outfall 004

cc: PDC Technical Services, Inc.

s:\projects\91-0143 pdc 1\permitting\2012\npdes permit renewal 2012\pdc1 draft permit application response 07032013.doc

ATTACHMENT 1

Figure 1 IL0075604 Permit Renewal Outfall Locations



1000' 0 1000' 2000'

1"=1000'

MAP SOURCE: USGS QUAD SHEET 1979,
PEORIA WEST QUADRANGLE (7.5' SERIES)

000089

Illinois Licensed Professional
Design Firm 184-001145

PDC Technical Services, Inc.

Peoria, Illinois

FIGURE 1

IL0064777 PERMIT RENEWAL
OUTFALL LOCATIONS

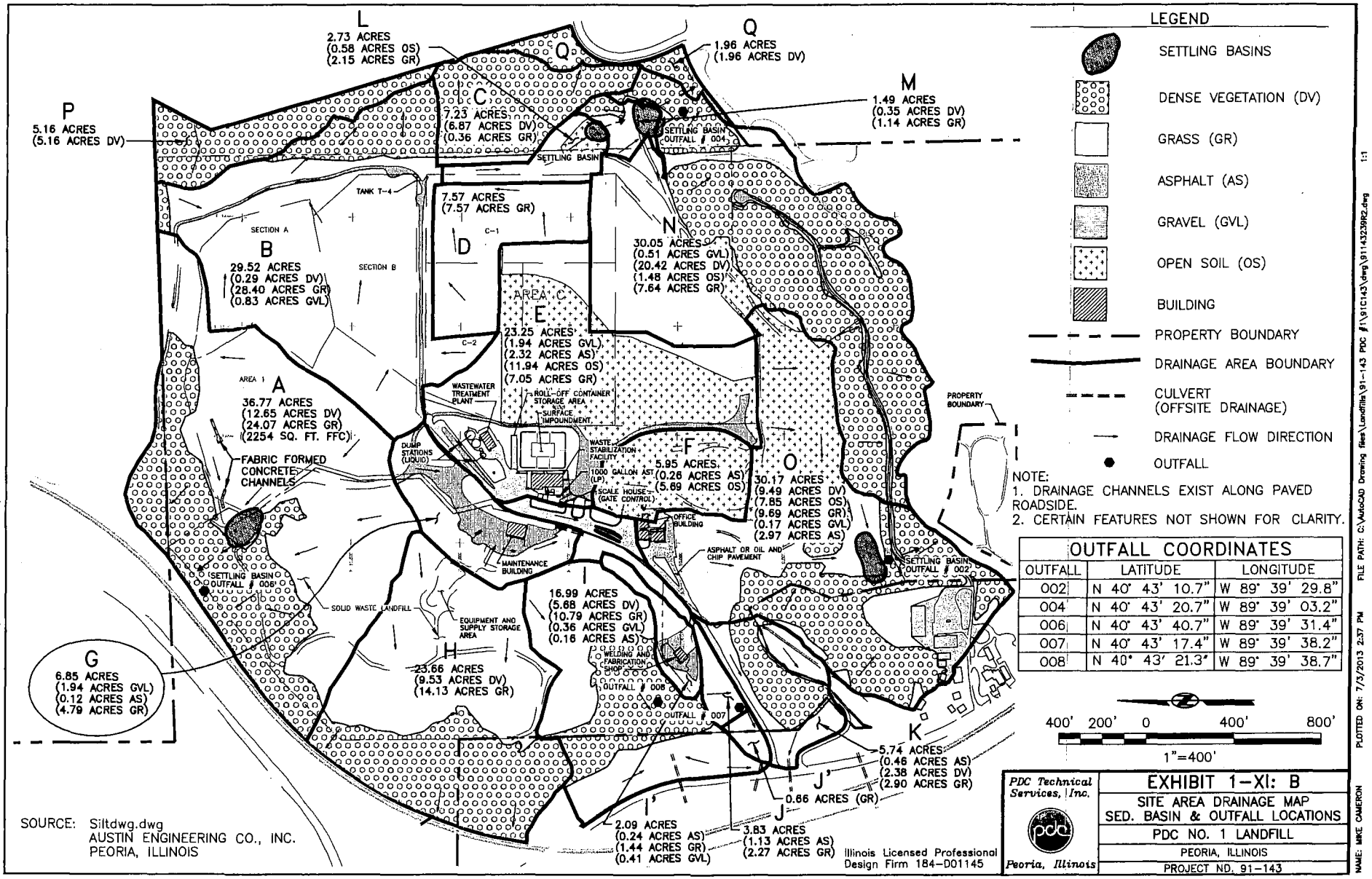
PDC NO. 1

PEORIA, IL

PROJECT NO. 91-0143.15

ATTACHMENT 2

Revised Site Drainage Maps

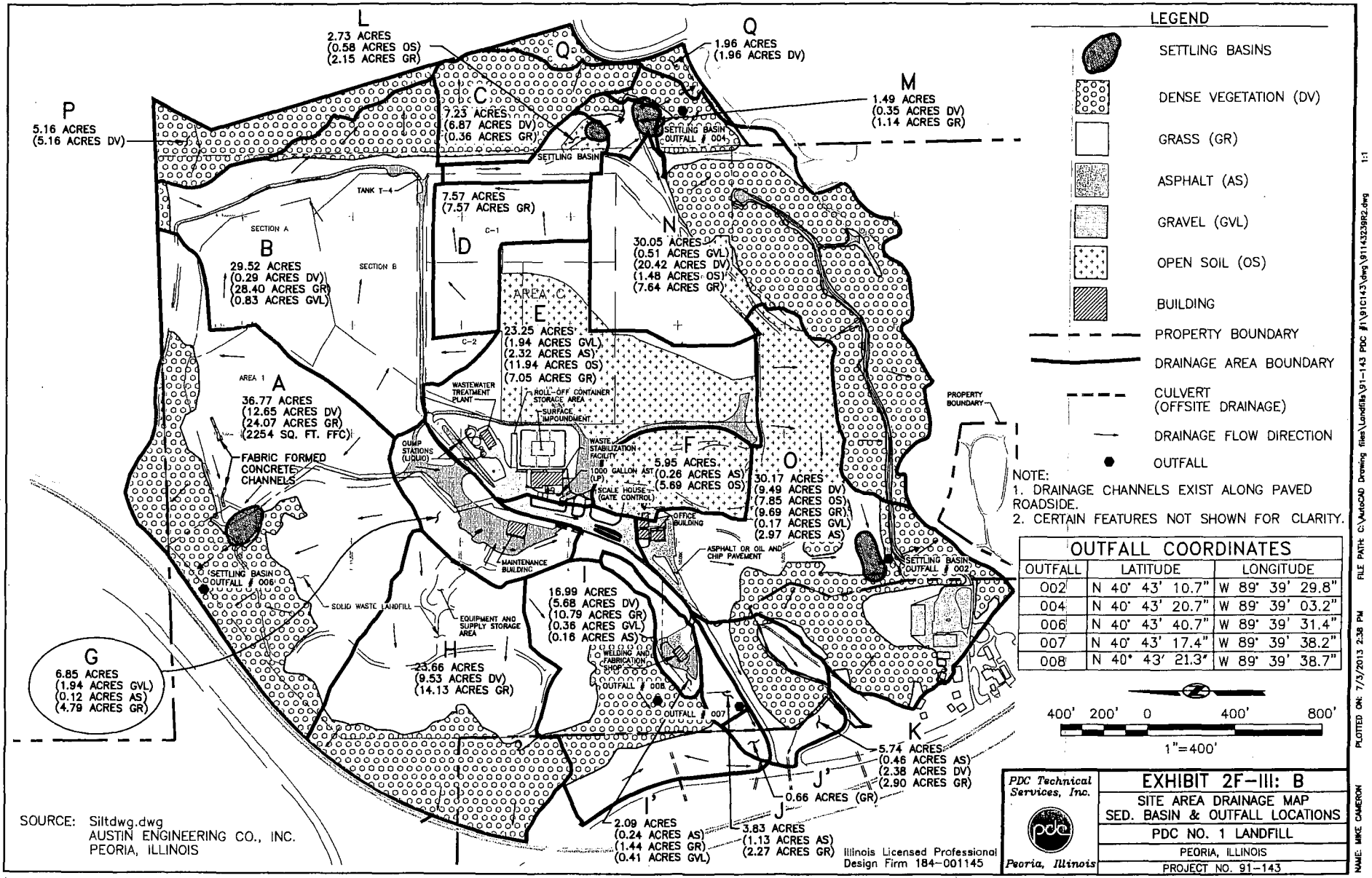


OUTFALL COORDINATES		
OUTFALL	LATITUDE	LONGITUDE
002	N 40° 43' 10.7"	W 89° 39' 29.8"
004	N 40° 43' 20.7"	W 89° 39' 03.2"
006	N 40° 43' 40.7"	W 89° 39' 31.4"
007	N 40° 43' 17.4"	W 89° 39' 38.2"
008	N 40° 43' 21.3"	W 89° 39' 38.7"

PDC Technical Services, Inc.
Peoria, Illinois

EXHIBIT 1-XI: B

SITE AREA DRAINAGE MAP
SED. BASIN & OUTFALL LOCATIONS
PDC NO. 1 LANDFILL
PEORIA, ILLINOIS
PROJECT NO. 91-143



SOURCE: Siltdwg.dwg
AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

OUTFALL COORDINATES

OUTFALL	LATITUDE	LONGITUDE
002	N 40° 43' 10.7"	W 89° 39' 29.8"
004	N 40° 43' 20.7"	W 89° 39' 03.2"
006	N 40° 43' 40.7"	W 89° 39' 31.4"
007	N 40° 43' 17.4"	W 89° 39' 38.2"
008	N 40° 43' 21.3"	W 89° 39' 38.7"

Illinois Licensed Professional Design Firm 184-001145

PDC Technical Services, Inc.
Peoria, Illinois

EXHIBIT 2F-III: B

SITE AREA DRAINAGE MAP
SED. BASIN & OUTFALL LOCATIONS
PDC NO. 1 LANDFILL
PEORIA, ILLINOIS
PROJECT NO. 91-143

260000

ATTACHMENT 3

Revised Form 2F

Please print or type in the unshaded areas only.

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

FORM 2F NPDES

U.S. Environmental Protection Agency
Washington, DC 20460

Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

I. Outfall Location

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. Outfall Number (*list*)	B. Latitude			C. Longitude			D. Receiving Water (*name*)
Outfall 002	40.00	43.00	10.70	89.00	39.00	29.80	Unnamed Tributary of Kickapoo Creek
Outfall 004	40.00	43.00	20.70	89.00	39.00	3.20	Unnamed Tributary of Kickapoo Creek
Outfall 006	40.00	43.00	40.70	89.00	39.00	31.40	Unnamed Tributary of Kickapoo Creek
Outfall 007	40.00	43.00	17.40	89.00	39.00	38.20	Unnamed Tributary of Kickapoo Creek
Outfall 008	40.00	43.00	21.32	89.00	39.00	38.66	Unnamed Tributary of Kickapoo Creek

II. Improvements

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

1. Identification of Conditions, Agreements, Etc.	2. Affected Outfalls		3. Brief Description of Project	4. Final Compliance Date	
	number	source of discharge		a. req.	b. proj.
None.					

B: You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfalls(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage of disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which received storm water discharges from the facility.

000094

Continued from the Front

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of imperious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
002	5.55 acres	59.37 acres			
004	0 sq. ft.	41.84 acres			
006	2,254 sq. ft.	36.8 acres			
007	1.25 acres	10.7 acres			
008	0.24 acres	2.1 acres			

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas, and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

002,004,006: Perimeter storm water channels divert non-contact storm water runoff away from the landfill, which is captured in flow through sedimentation basins, which enable sediments to settle out prior to discharge.

007 This is a heavy equipment maintenance and diesel fueling area. It also used as a staging area for miscellaneous construction materials such as iron and plastic piping, concrete prefabbed manhole sections and HDPE liners for the landfill. The building also house our employee facilities and the paved area is the employee parking lot. The area also contains a gasoline storage and refueling tank.

008 CMP culvert utilized to divert storm water away from the Welding & Fabrication Shop.

Approximately 3 acres of the west section are fertilized and weed controlled (3 apps./ year). This procedure started in (1992). See Form 2F, Exhibit IV. B. Additional information related to site activities including a Material inventory.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
002	Sed. Basin,Grass Lined Channels, and Filter Strips will reduce Suspended Solids, & Culverts.	1-U/4-A
004	Sed. Basin,Grass Lined Channels, and Filter Strips will reduce Suspended Solids.	1-U/4-A
006	Sed. Basin,Grass Lined Channels, and Filter Strips will reduce Suspended Solids. Storm water inlet drop structure into discharge culvert.	1-U/4-A
007	Grass lined and Fabric Formed Concrete Channels.	4-A
008	Storm water culvert.	4-A

V. Nonstormwater Discharges

A. I certify under penalty of law hat the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharged from these outfall(s) are identified in either an accompanying Form 2C or From 2E application for the outfall.

Name and Official Title (type or print)	Signature	Date Signed
Ronald J. Welk, Vice President		

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

The undersigned certifies that all known discharges have been evaluated for the presence of non-storm water discharges. The evaluation has included identifying and reviewing all processes that generate wastewater, including reviewing all applicable drawings and construction records. Based on this review, to the best of one's knowledge and belief, the undersigned certifies that there are no unauthorized non-storm water discharges.

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

No significant leaks or spills have occurred during the last 3 years.

EPA ID Number *(copy from Item 1 of Form 1)*
1790305011

VII. Discharge Information

A, B, C, & D: See instructions before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided.
Table VII-A, VII-B, VII-C are included on separate sheets numbers VII-1 and VII-2.

E. Potential discharges not covered by analysis – is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ Yes *(list all such pollutants below)* ☑ No *(go to Section IX)*

VIII. Biological Toxicity Testing Data

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ Yes *(list all such pollutants below)* ☑ No *(go to Section IX)*

IX. Contract Analysis Information

Were any of the analyses reported in Item VII performed by a contract laboratory or consulting firm?

☑ Yes *(list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)* ☐ No *(go to Section X)*

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
PDC Laboratories	2231 West Altofer Drive Peoria, Illinois 61615	(309)692-9688	(TBD) Total Metals: Arsenic, Barium, Boron, Cadmium, Chromium, Lead, Mercury, Selenium, Silver. (TBD) Oil & Grease, BOD, COD, TSS, Total Nitrogen, Total Phosphorous, and pH.

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name & Official Title *(Type Or Print)*	B. Area Code and Phone No.
Ronald J. Welk, Vice President	(309) 495-1551
C. Signature	D. Date Signed

000096

Outfall 008

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	N/A	N/A	N/A	N/A		Vehicle Traffic, Maintenance, &
Biological Oxygen Demand (BOD5)	N/A	NA	N/A	N/A		Landfilling Operations.
Chemical Oxygen Demand (COD)	N/A	N/A	N/A	N/A		
Total Suspended Solids (TSS)	N/A	N/A	N/A	N/A		
Total Nitrogen	N/A	N/A	N/A	N/A		
Total Phosphorus	N/A	N/A	N/A	N/A		
pH	Minimum	Maximum	Minimum	Maximum		

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Arsenic	N/A	N/A	N/A	N/A		Closed landfill and Maintenance
Barium	N/A	N/A	N/A	N/A		Operations.
Cadmium	N/A	N/A	N/A	N/A		
Chromium	N/A	N/A	N/A	N/A		
Lead	N/A	N/A	N/A	N/A		
Mercury	N/A	N/A	N/A	N/A		
Selenium	N/A	N/A	N/A	N/A		
Silver	N/A	N/A	N/A	N/A		

000097

Outfall 008

Continued from the Front

Part C - List each pollutant shown in Table 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
N/A						

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
None					

7. Provide a description of the method of flow measurement or estimate.

Outfall 004

EPA ID Number (*copy from Item 1 of Form 1*)
1498160001

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Oil and Grease	<33 mg/L	N/A	<33 mg/L	N/A	1.00	Vehicle Traffic, Maintenance, &
Biological Oxygen Demand (BOD5)	<4.0 mg/L	N/A	<4.0 mg/L	N/A	1.00	Landfilling Operations.
Chemical Oxygen Demand (COD)	40 mg/L	N/A	40 mg/L		1.00	
Total Suspended Solids (TSS)	2300 mg/L	N/A	2300 mg/L		1.00	
Total Nitrogen	<5.0 mg/L	N/A	<5.0 mg/L	N/A	1.00	
Total Phosphorus	0.94 mg/L	N/A	0.94 mg/L	N/A	1.00	
pH	Minimum 7.87	Maximum 7.87	Minimum	Maximum		(Test done after max. hold time)

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite	Grab Sample Taken During First 20 Minutes	Flow-Weighted Composite		
Arsenic	<0.020 mg/L	N/A	<0.020 mg/L	N/A	1.00	Landfilling Operations.
Barium	0.16 mg/L	N/A	0.16 mg/L	N/A	1.00	Landfilling Operations.
Cadmium	0.0057 mg/L	N/A		N/A	1.00	Landfilling Operations.
Chromium	0.025 mg/L	N/A	0.025 mg/L	N/A	1.00	Landfilling Operations.
Lead	0.12 mg/L	N/A	0.12 mg/L	N/A	1.00	Landfilling Operations.
Mercury	<0.00020 mg/L	N/A	<0.00020 mg	N/A	1.00	Landfilling Operations.
Selenium	0.020 mg/L	N/A	0.020 mg/L	N/A	1.00	Landfilling Operations.
Silver	<0.010 mg/L	N/A	<0.010 mg/L	N/A	1.00	Landfilling Operations.

000099

ATTACHMENT 4

Laboratory Analytical Report – Outfall 004

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

ACCREDITED IN ACCORDANCE WITH nelac

Peoria Disposal Company
4349 Southport Rd
Peoria, IL 61615
Attn: Jenny Hinton

Date Received: 08/16/12 13:05
Report Date: 08/27/12
Customer #: 280100

Laboratory Results

Sample No: **2082355-02**

Collect Date: **08/16/12 12:05**
Matrix: ~~**Leachate**~~ Storm Water
WNR 7/3/2013

Sample Description: Outfall 002 comp

Parameters	Result	Qual	Prep Date	Analysis Date	Analyst	Method
General Chemistry - PIA						
BOD	8.9 mg/L		08/17/12 10:17	08/17/12 10:17	ASB	SM 5210B 18Ed
COD	73 mg/L		08/17/12 14:32	08/17/12 14:33	SJF	SM 5220D 18Ed
Oil & Grease - total	< 33 mg/L		08/17/12 07:45	08/17/12 14:00	TAS	EPA 1664A
Solids - total suspended solids (TSS)	2500 mg/L		08/22/12 12:11	08/22/12 13:02	SCS	SM 2540D 18Ed
Total Nitrogen	7.7 mg/L		08/23/12 13:09	08/23/12 15:30	ALR	(calc)
Nutrients - PIA						
Nitrate/Nitrite-N	0.75 mg/L		08/17/12 14:12	08/17/12 14:50	lgbrs	EPA 353.2 - SM 4500NO3 F 18Ed - QC 10-107-04-1-C
Total Kjeldahl Nitrogen (TKN)	7.0 mg/L		08/23/12 13:09	08/23/12 15:30	ALR	SM 4500-N B & NH3-H 18Ed MOD
Total Metals - PIA						
Arsenic	0.037 mg/L		08/20/12 07:56	08/21/12 11:20	JMW	EPA 200.7 R4.4
Barium	0.39 mg/L		08/20/12 07:56	08/21/12 11:20	JMW	EPA 200.7 R4.4
Cadmium	0.0033 mg/L		08/20/12 07:56	08/22/12 09:38	JMW	EPA 200.7 R4.4
Chromium	0.095 mg/L		08/20/12 07:56	08/21/12 11:20	JMW	EPA 200.7 R4.4
Lead	0.15 mg/L		08/20/12 07:56	08/21/12 11:20	JMW	EPA 200.7 R4.4
Mercury	< 0.00020 mg/L		08/20/12 11:37	08/20/12 14:36	KJP	EPA 245.1 R3.0
Phosphorus	1.8 mg/L		08/20/12 07:56	08/21/12 11:20	JMW	EPA 200.7 R4.4
Selenium	0.014 mg/L		08/20/12 07:56	08/21/12 11:20	JMW	EPA 200.7 R4.4
Silver	< 0.010 mg/L		08/20/12 07:56	08/21/12 11:20	JMW	EPA 200.7 R4.4

Sample No: **2082355-03**

Collect Date: **08/16/12 10:30**
Matrix: **Leachate**

Sample Description: Outfall 004 grab

Parameters	Result	Qual	Prep Date	Analysis Date	Analyst	Method
General Chemistry - PIA						
BOD	< 4.0 mg/L		08/17/12 10:17	08/17/12 10:17	ASB	SM 5210B 18Ed
COD	40 mg/L		08/17/12 14:32	08/17/12 14:33	SJF	SM 5220D 18Ed

2082355

000101

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

ACCREDITED IN ACCORDANCE WITH nelac

Peoria Disposal Company
4349 Southport Rd
Peoria, IL 61615
Attn: Jenny Hinton

Date Received: 08/16/12 13:05
Report Date: 08/27/12
Customer #: 280100

Laboratory Results

Sample No: **2082355-01**

Collect Date: **08/16/12 10:03**
Matrix: ~~Leachate~~ Storm Water WWB 7/3/2013

Sample Description: Outfall 002 grab

Parameters	Result	Qual	Prep Date	Analysis Date	Analyst	Method
General Chemistry - PIA						
BOD	7.2 mg/L		08/17/12 10:17	08/17/12 10:17	ASB	SM 5210B 18Ed
COD	63 mg/L		08/17/12 14:32	08/17/12 14:33	SJF	SM 5220D 18Ed
Oil & Grease - total	< 33 mg/L		08/17/12 07:45	08/17/12 14:00	TAS	EPA 1664A
pH	8.12 pH Units	H	08/16/12 15:00	08/16/12 15:00	TCH	SM 4500-H B 18Ed - EPA 150.1 - SW 9040B
Solids - total suspended solids (TSS)	2200 mg/L		08/22/12 10:25	08/22/12 12:03	SCS	SM 2540D 18Ed
Total Nitrogen	6.6 mg/L		08/23/12 13:09	08/23/12 15:29	ALR	(calc)
Nutrients - PIA						
Nitrate/Nitrite-N	0.69 mg/L		08/17/12 14:12	08/17/12 14:49	lgbrs	EPA 353.2 - SM 4500NO3 F 18Ed - QC 10-107-04-1-C
Total Kjeldahl Nitrogen (TKN)	5.9 mg/L		08/23/12 13:09	08/23/12 15:29	ALR	SM 4500-N B & NH3-H 18Ed MOD
Total Metals - PIA						
Arsenic	0.031 mg/L		08/20/12 07:56	08/21/12 11:15	JMW	EPA 200.7 R4.4
Barium	0.33 mg/L		08/20/12 07:56	08/21/12 11:15	JMW	EPA 200.7 R4.4
Cadmium	< 0.0020 mg/L		08/20/12 07:56	08/22/12 09:33	JMW	EPA 200.7 R4.4
Chromium	0.064 mg/L		08/20/12 07:56	08/21/12 11:15	JMW	EPA 200.7 R4.4
Lead	0.11 mg/L		08/20/12 07:56	08/21/12 11:15	JMW	EPA 200.7 R4.4
Mercury	< 0.00020 mg/L		08/20/12 11:37	08/20/12 14:33	KJP	EPA 245.1 R3.0
Phosphorus	1.4 mg/L		08/20/12 07:56	08/21/12 11:15	JMW	EPA 200.7 R4.4
Selenium	0.013 mg/L		08/20/12 07:56	08/21/12 11:15	JMW	EPA 200.7 R4.4
Silver	< 0.010 mg/L		08/20/12 07:56	08/21/12 11:15	JMW	EPA 200.7 R4.4

Sample No: **2082355-02**

Collect Date: **08/16/12 12:05**
Matrix: **Leachate**

Sample Description: Outfall 002 comp

Parameters	Result	Qual	Prep Date	Analysis Date	Analyst	Method
General Chemistry - PIA						

2082355

000102

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

ACCREDITED IN ACCORDANCE WITH nelac

Peoria Disposal Company
4349 Southport Rd
Peoria, IL 61615
Attn: Jenny Hinton

Date Received: 08/16/12 13:05
Report Date: 08/27/12
Customer #: 280100

Laboratory Results

Sample No: **2082355-03**

Collect Date: **08/16/12 10:30**

Matrix: ~~Leachate~~ Storm Water

Sample Description: Outfall 004 grab

WNB 7/3/2013

Parameters	Result	Qual	Prep Date	Analysis Date	Analyst	Method
General Chemistry - PIA						
Oil & Grease - total	< 33 mg/L		08/17/12 07:45	08/17/12 14:00	TAS	EPA 1664A
pH	7.87 pH Units	H	08/16/12 15:00	08/16/12 15:00	TCH	SM 4500-H B 18Ed - EPA 150.1 - SW 9040B
Solids - total suspended solids (TSS)	2300 mg/L		08/22/12 12:11	08/22/12 13:02	SCS	SM 2540D 18Ed
Total Nitrogen	< 5.0 mg/L		08/24/12 09:21	08/24/12 13:34	ALR	(calc)
Nutrients - PIA						
Nitrate/Nitrite-N	1.5 mg/L		08/17/12 14:12	08/17/12 14:51	lgbrs	EPA 353.2 - SM 4500NO3 F 18Ed - QC 10-107-04-1-C
Total Kjeldahl Nitrogen (TKN)	< 5.0 mg/L		08/24/12 09:21	08/24/12 13:34	ALR	SM 4500-N B & NH3-H 18Ed MOD
Total Metals - PIA						
Arsenic	< 0.020 mg/L		08/20/12 07:56	08/21/12 11:50	JMW	EPA 200.7 R4.4
Barium	0.16 mg/L		08/20/12 07:56	08/22/12 09:50	JMW	EPA 200.7 R4.4
Cadmium	0.0057 mg/L		08/20/12 07:56	08/22/12 09:50	JMW	EPA 200.7 R4.4
Chromium	0.025 mg/L		08/20/12 07:56	08/21/12 11:50	JMW	EPA 200.7 R4.4
Lead	0.12 mg/L		08/20/12 07:56	08/22/12 09:50	JMW	EPA 200.7 R4.4
Mercury	< 0.00020 mg/L		08/20/12 11:37	08/20/12 14:54	KJP	EPA 245.1 R3.0
Phosphorus	0.94 mg/L		08/20/12 07:56	08/22/12 09:50	JMW	EPA 200.7 R4.4
Selenium	0.020 mg/L		08/20/12 07:56	08/21/12 11:50	JMW	EPA 200.7 R4.4
Silver	< 0.010 mg/L		08/20/12 07:56	08/21/12 11:49	JMW	EPA 200.7 R4.4

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

ACCREDITED IN ACCORDANCE WITH nelac

Peoria Disposal Company
4349 Southport Rd
Peoria, IL 61615
Attn: Jenny Hinton

Date Received: 08/16/12 13:05
Report Date: 08/27/12
Customer #: 280100

Laboratory Results

Notes

This report shall not be reproduced, except in full, without the written approval of the laboratory.

PDC Laboratories participates in the following accreditation/certification and proficiency programs at the following locations. Endorsement by Federal or State Governments or their agencies is not implied.

PIA PDC Laboratories - Peoria, IL
NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS EPA Lab No. E-10389

H Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.

Lisa Y. Grant

Certified by: Lisa Y. Grant, Project Manager

PDC LABORATORIES, INC.
2231 WEST ALTORFER DRIVE
PEORIA, IL 61615

PHONE # 800-752-6651
FAX # 309-692-9689

CHAIN OF CUSTODY RECORD

State where samples collected IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT) - (SAMPLE ACCEPTANCE POLICY ON REVERSE)

1

PDC 1
1344 Southport Road
Peoria, IL 61615
William Bircher

PROJECT NUMBER	P.O. NUMBER	MEANS SHIPPED
91-0118.15		
PHONE NUMBER	**FAX NUMBER**	**DATE SHIPPED**
495-1567		

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WWSL-SLUDGE
NAS-SOLID
LCHT-LEACHATE
OTHER: stormwater

3 [illegible]

4 (FOR LAB USE ONLY)
LOGIN # 2082355
LOGGED BY: cw
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MATRIX TYPE	[illegible] COUNT	REMARKS
Outfall 002 Grab	8/16/12	10:03	X		Storm	6	T=68°F
Outfall 002 Composite	8/16/12	10:51, 11:25		X	Storm	6	
		12:05				6	
Outfall 004 Grab	8/16/12	10:30	X		Storm		T=68°F
(NO composite)							
							PH needed

5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL **RUSH** (circled)
(RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
DATE RESULTS NEEDED
RUSH RESULTS VIA (PLEASE CIRCLE) FAX PHONE **E-MAIL** (circled)
FAX # PHONE # EMAIL ADDRESS wbircher@pdcarea.com

6 *The sample temperature will be measured upon receipt at the lab. By initialing this area you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area you allow the lab to proceed with analytical testing regardless of the sample temperature.* ______

7

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME
[signature]	[illegible]		
RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME
RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED AT LAB BY: (SIGNATURE) Melissa Sibley	DATE 8/16/12 TIME 13:05

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT 13 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLE(S) RECEIVED ON ICE Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) Y OR N
(EXCLUDES TYPICAL FIELD PARAMETERS)
DATE AND TIME TAKEN FROM SAMPLE BOTTLE ______

Copies: white should accompany samples to PDC Labs. Yellow copy to be retained by the client.

PAGE ____ OF ____

000105

W1438080008
Cat. 10

Rabins, Jaime

From: Mosher, Bob
Sent: Thursday, July 11, 2013 11:54 AM
To: Rabins, Jaime
Subject: RE: NPDES Draft Public Notice/Fact Sheet Coments

IEPA EXHIBIT
No. 8

I'll leave that up to your judgment. I'm not familiar enough with the site to know whether their proposal is adequate.

Bob Mosher
Water Quality Standards Unit, Division of Water Pollution Control
Illinois EPA
1021 North Grand Ave. E.
P.O. Box 19276
Springfield, IL 62794-9276
217/558-2012
217/782-5549 (Fax)

From: Rabins, Jaime
Sent: Thursday, July 11, 2013 11:52 AM
To: Mosher, Bob
Subject: RE: NPDES Draft Public Notice/Fact Sheet Coments

In that same comment. PDC also requests that 002 data is sufficient to represent the discharge from outfalls 002 and 004 because they both receive drainage from Landfill Area C. They also request 007 data is sufficient to represent the discharge from outfalls 006, 007 and 008.

Does Standards want quarterly data from each outfall or is their proposal sufficient to make future WQBEL decisions?

Jaime Rabins, P.E.
Environmental Protection Engineer, Industrial Unit
Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency

ph: 217-524-3035
fax: 217-782-9891
Jaime.Rabins@Illinois.gov

From: Mosher, Bob
Sent: Thursday, July 11, 2013 11:39 AM
To: Rabins, Jaime
Subject: RE: NPDES Draft Public Notice/Fact Sheet Coments

Jaime,

The DMR submitted by Peoria Disposal gave a cadmium value of 0.057 mg/L for Outfall 004. Peoria Disposal says that this was a typo and that 0.0057 mg/L was the true value. They have provided laboratory documents to prove this assertion. The new value means that no reasonable potential exists to exceed the acute cadmium water quality standard in Outfall 004, therefore, my recommendation for a cadmium limit for that outfall is retracted. No water quality based limits are required for Outfall 004.

Bob Mosher
Water Quality Standards Unit, Division of Water Pollution Control
Illinois EPA
1021 North Grand Ave. E.
P.O. Box 19276
Springfield, IL 62794-9276
217/558-2012
217/782-5549 (Fax)

From: Rabins, Jaime
Sent: Thursday, July 11, 2013 8:09 AM
To: Mosher, Bob
Subject: FW: NPDES Draft Public Notice/Fact Sheet Coments

Bob,

Comment 6 indicates that there may be in error in the cadmium water quality limit calc for outfall 004. Take a look and let me know.

Jaime Rabins, P.E.
Environmental Protection Engineer, Industrial Unit
Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency

ph: 217-524-3035
fax: 217-782-9891
Jaime.Rabins@Illinois.gov

From: Bill N. Bicher [mailto:BBicher@pdcarea.com]
Sent: Wednesday, July 03, 2013 3:58 PM
To: Rabins, Jaime
Cc: Mosher, Bob
Subject: NPDES Draft Public Notice/Fact Sheet Coments

Jaime,

Here you go. A hard copy is being mailed this evening – which should arrive on Friday, the 5th, 2013.

Have a nice 4th of July!!!!

Bill

000107

CAS 7-AW-13
Region 7-18-13

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

Subject: Peoria Disposal Company
Data: IL0064777
Reviewed By: Jaime Rabins

Date: July 11, 2013

IEPA EXHIBIT
No. 9

15-Day Notice Review Notes:

The following comments were received from PDC on July 5, 2013:

1. The cover letter refers to Peoria County Landfill which is a different facility. The facility is Peoria Disposal Company.

Response: The facility name will be corrected.

2. The PNFS states the facility is a municipal solid waste landfill which it is not. The facility manages a RCRA-regulated non-hazardous and hazardous industrial, commercial and remediation wastes.

Response: The description on page 1 of the PNFS will be corrected.

3. The statement that leachate is hauled off-site for treatment is not correct. Leachate is collected within the facility and pretreated onsite prior to discharging to the Greater Peoria Sanitary District.

Response: The description on page 1 of the PNFS will be corrected.

4. Since submittal of the application, a fifth outfall, Outfall 008, has been identified.

Response: The outfall will be added to the permit.

5. Page 2 of the PNFS refers to outfall 001, which no longer exists.

Response: The reference to outfall 001 was in error and will be removed.

6. The cadmium limits for outfall 004 should be removed as the data was submitted in error. The 002 data is sufficient to represent the discharge from outfalls 002 and 004 because they both receive drainage from the same area. The 007 data is sufficient to represent the discharge from outfalls 006, 007 and 008 for the same reason.

Response: The Standards Unit reviewed the revised data and now finds that no WQBEL are needed at outfall 004. See July 11, 2013 email. The cadmium limit at outfall 004 will be removed. The Standards Unit does not take a position on reducing the number of outfalls monitored. I have renewed several landfill permits, and many of them require different WQBEL at each outfall, so the current proposal to monitor every outfall will remain. Furthermore, landfills have post-closure care requirements for decades, so it is appropriate that discharge monitoring would continue during that time.

7. The outfalls on the map are incorrectly numbered and located. An updated map is provided.

Response: The map will be revised.

8. Page 1 of the permit refers to the incorrect facility name and address.

Response: The name and address will be corrected. It was correct on the PNFS.

Action: Issue Draft Permit/Fact Sheet for 30-day Public Notice.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217)782-2829

PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

217/782-0610

July 18, 2013

IEPA EXHIBIT
No. 10

U.S. Fish & Wildlife Service
Rock Island Field Office
1511 47th Avenue
Moline, Illinois 61265

Re: Peoria Disposal Company
NPDES Permit No. IL0064777

Gentlemen:

In accordance with 40 CFR 124.10, we hereby submit a copy of the Public Notice/Fact Sheet for the above discharger. If no written reply is received at the indicated address, attention: NPDES PN Clerk within 30 days of the date of this request, the Agency will assume that the U.S. Fish and Wildlife Service has no objection to the proposed discharge.

Sincerely,

Darin E. LeCrone, P.E.
Manager, Industrial Unit
Division of Water Pollution Control

DEL:JAR:13061801.jar

Attachment: Public Notice/Fact Sheet

cc: Records Unit

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120
9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)814-6026

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

217/782-0610

July 18, 2013

Municipal Clerk
419 Fulton St. Suite 401
Peoria, Illinois 61602-1217

Re: Peoria Disposal Company
NPDES Permit No. IL0064777
Public Notice of Permit

Municipal Clerk:

In accordance with the requirements of the Illinois Pollution Control Board regulations of 35 Ill. Adm. Code 309.109(a)(2)(A), the attached National Pollutant Discharge Elimination System Public Notice is sent to a municipality in the vicinity of the applicant. The Agency understands that the applicant may not be associated with the municipality to which it is sent.

Please post the attached National Pollutant Discharge Elimination System Public Notice for a period of 30 days. In addition, please complete and return the enclosed postcard indicating the date of posting. Should you choose not to post the attached notice, please indicate so on the postcard and return.

Thank you for your cooperation.

Sincerely,

Darin E. LeCrone, P.E.
Manager, Industrial Unit
Division of Water Pollution Control

DEL:JAR:13061801.jar

Attachments: Public Notice/Fact Sheet, Post Card

cc: Records Unit

000111

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120

9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)814-6026

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217)782-2829

PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

217/782-0610

July 18, 2013

Peoria Disposal Company
P.O. Box 9071
Peoria, IL 61615

Re: Peoria Disposal Company
NPDES Permit No. IL0064777
Public Notice Permit

Gentlemen:

Please post the attached Public Notice for the subject discharge for at least a period of thirty days from the date on the Notice in a conspicuous place on your premises.

We have enclosed a copy of the draft NPDES permit on which this official Public Notice is based. If you wish to comment on the draft permit, please do so within 30 days of the Public Notice date. If there are any questions, please contact Jaime Rabins at 217/782-0610 or the address listed above.

Thank you for your cooperation.

Sincerely,

Darin E. LeCrone, P.E.
Manager, Industrial Unit
Division of Water Pollution Control

DEL:JAR:13061801.jar

Attachments: Draft Permit, Public Notice/Fact Sheet

cc:
Peoria Region
Records Unit

000112

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120
9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)814-6026

NPDES Permit No. IL0064777
Notice No. JAR:13061801.jar

Public Notice Beginning Date: **July 18, 2013**

Public Notice Ending Date: **August 19, 2013**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water,
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Peoria Disposal Company
P.O. Box 9071
Peoria, IL 61615

Name and Address of Facility:

Peoria Disposal Company
4349 Southport Road
Peoria, IL 61615
(Peoria County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Jaime Rabins at 217/782-0610.

The applicant is engaged managing a RCRA-regulated non-hazardous and hazardous industrial, commercial and remediation wastes (SIC 4953). Waste water is generated from precipitation which comes into contact with daily, intermediate, and/or final cover and is considered non-contaminated stormwater. Any precipitation that does come into contact with waste is collected by the landfill's leachate collection system and pretreated on-site prior to discharge to the Greater Peoria Sanitary District. Plant operation results in an intermittent discharge of stormwater from outfalls 002, 004, 006, 007, and 008.

Application is made for the existing discharges which are located in Peoria County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
002	Unnamed Tributary of Kickapoo Creek	40° 43' 11"	North	89° 39' 30"	West	General Use	Not Rated
004	Unnamed Tributary of Kickapoo Creek	40° 43' 21"	North	89° 39' 3"	West	General Use	Not Rated
006	Unnamed Tributary of Kickapoo Creek	40° 43' 41"	North	89° 39' 31"	West	General Use	Not Rated
007	Unnamed Tributary of Kickapoo Creek	40° 43' 17"	North	89° 39' 38"	West	General Use	Not Rated
008	Unnamed Tributary of Kickapoo Creek	40° 43' 21"	North	89° 39' 39"	West	General Use	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

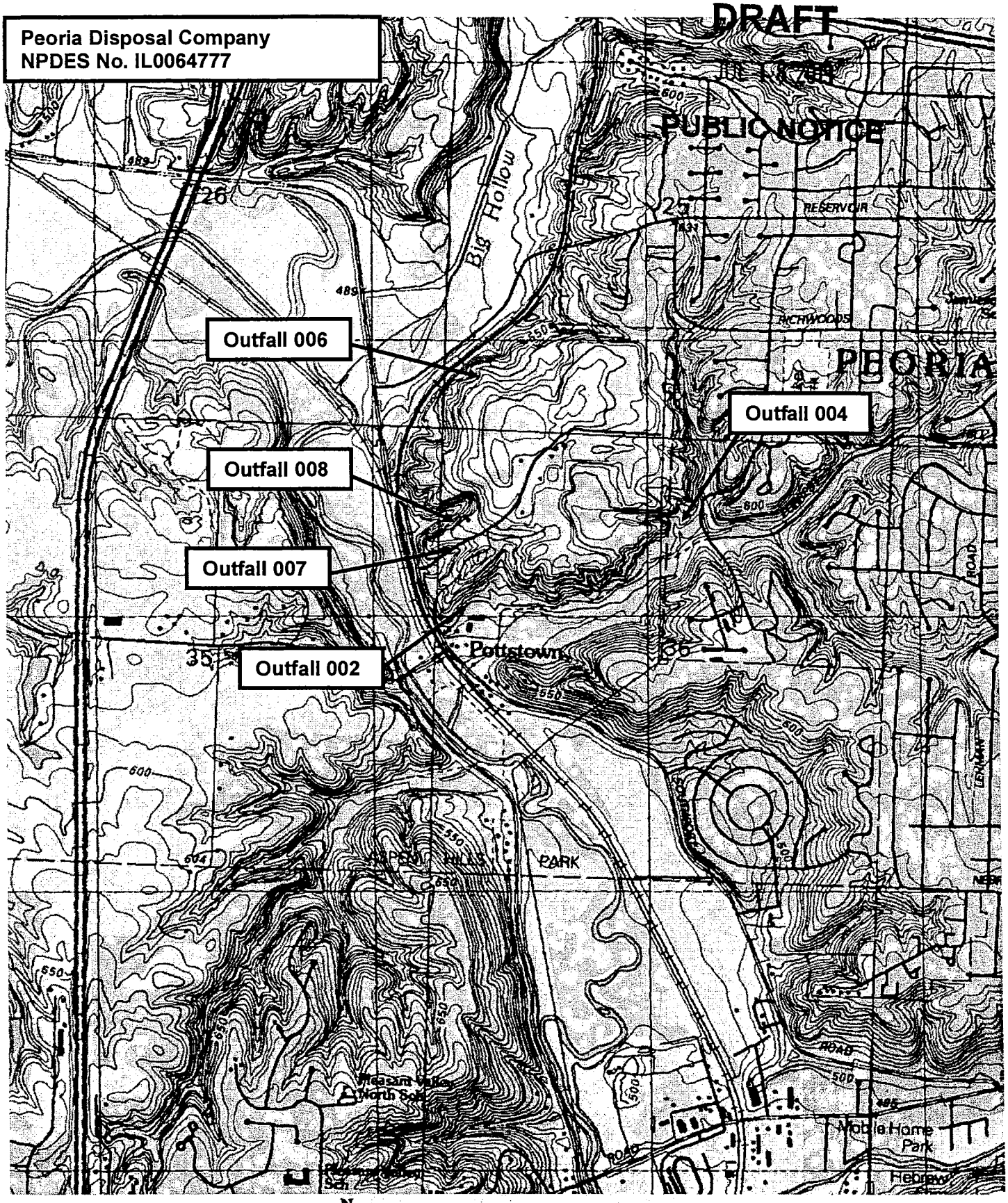
The stream segment receiving the discharge from outfall(s) 002, 004, 006, 007, and 008 is on the draft 2012 Illinois Integrated Water Quality Report and Section 303(d) List as it has not been assessed. The receiving water has not been given an integrity rating or been listed as biologically significant in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System.*

The discharge(s) from the facility shall be monitored and limited at all times as follows:

	LOAD LIMITS lbs/day DAF (DMF)			CONCENTRATION LIMITS mg/l		
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
Outfalls: 002, 004, 006, and 008 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Outfall: 007 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Lead					0.489	35 IAC 302.208
Mercury					0.0022	35 IAC 302.208

The following explain the conditions of the proposed permit:

The special conditions clarify: flow, monitoring location, discharge monitoring reports, re-opener, and stormwater pollution prevention plan.


Peoria Disposal Company
NPDES No. IL0064777
DRAFT
PUBLIC NOTICE
Outfall 006
Outfall 008
Outfall 007
Outfall 002
Outfall 004
Big Hollow
RESERVOIR
PEORIA
Pottstown
ASPEN HILLS
PARK
Mobile Home Park
N
0 0.5 Mi
0 2000 Ft

DRAFT

JUL 18 2013

PUBLIC NOTICE

NPDES Permit No. IL0064777

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:
Effective Date:

Name and Address of Permittee:

Peoria Disposal Company
P.O. Box 9071
Peoria, IL 61615

Facility Name and Address:

Peoria Disposal Company
4349 Southport Road
Peoria, IL 61615
(Peoria County)

Discharge Number and Name:	Receiving Waters:
002 Stormwater	Unnamed Tributary of Kickapoo Creek
004 Stormwater	Unnamed Tributary of Kickapoo Creek
006 Stormwater	Unnamed Tributary of Kickapoo Creek
007 Stormwater	Unnamed Tributary of Kickapoo Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:JAR:13061801.jar

NPDES Permit No. IL0064777

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfalls: 002, 004, 006, and 008 Stormwater (Intermittent Discharge)

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Flow (MGD)					Daily	

See Special Condition 1.

DRAFT

JUL 18 2013

NPDES Permit No. IL0064777

PUBLIC NOTICE

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall: 007 Stormwater (Intermittent Discharge)

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Flow (MGD)					Daily	
Lead				0.489	1/Month	Grab
Mercury				0.0022	1/Month	Grab

See Special Condition 1.

Special Conditions

SPECIAL CONDITION 1.

A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

1. General storm water pollution prevention plan requirements applicable to both landfill activities and landfill construction activities are as follows:

   a. The stormwater pollution prevention plan (SWPPP) developed for previous permits shall be maintained and if necessary amended by the permittee.

   b. The owner or operator of a landfill with storm water discharges covered by this permit shall make a copy of the plan available to the Agency at any reasonable time upon request. A copy of the plan shall be maintained at the landfill for which storm water discharges are covered by this permit.

   c. The permittee may be notified in writing by the Agency, at any time, that the plan does not meet the requirements of this permit. After such notification, the permittee shall make changes to the plan and shall submit a written certification that the requested changes have been made. Unless otherwise provided, the permittee shall have 30 days after such notification to make the changes.

   d. The discharger shall amend the plan whenever there is a change in construction, operation, or maintenance which affects the discharge quantity of pollutants to waters of the State or if a facility inspection required by paragraph A.1.f. of this Special Condition indicates that an amendment is needed. The plan should also be amended if the discharger is in violation of any conditions of this permit, or has not achieved the general objectives of controlling pollutants in storm water discharges. Amendments to the plan shall be made within the shortest reasonable period of time, and shall be provided to the Agency for review upon request.

      In addition to the above requirements, the plan shall be amended if sludge or bioremediated soils are utilized as daily, intermediate or final cover, if spray-on erosion or dust control/daily cover products are utilized, if pond water is utilized for dust control or other means or if additives are utilized to enhance effluent quality. Stormwater runoff from areas where sludge or bioremediated soils are utilized or stockpiled shall be diverted to detention basins when ever possible. Daily cover or approved alternate daily cover shall be utilized on sludge or bioremediated soils to prevent excessive wash out of the solids. Pond water utilized for dust suppression or other means shall be restricted in quantities, locations and time periods to prevent runoff, wash off due to precipitation or tracking on tires due to mud formation. Spray on products or effluent enhancing additives shall be reviewed and approved prior to use. Information that should be provided with a request for approval of effluent enhancing additives shall include but not be limited to the following:

      1. MSDS sheets
      2. List of active and inactive ingredients
      3. Expected dosage rate
      4. Expected concentration in the discharge

      Information to be provided with a request for approval of spray on products shall include but not be limited to the following;

      1. MSDS sheets if available
      2. List of compounds comprising the product, especially biocides, and amounts of each compound
      3. Area utilized, drainage area tributary outfall and method of application
      4. Information, if available, regarding degradation rates
      5. Expect stormwater runoff quality

   e. Non-Storm Water Discharges - The plan shall include a certification that the discharge has been tested or evaluated for the presence of non-storm water discharges. The certification shall include a description of any tests for the presence of non-storm water discharges, the methods used, the dates of the testing, and any on-site drainage points that were observed during the testing. Any facility that is unable to provide this certification must describe the procedure of any test conducted for the presence of non-storm water discharges, the test results, potential sources of non-storm water discharges to the storm sewer, and why adequate tests for such storm sewers were not feasible. Non-stormwater discharges shall include but not be limited to those discharges identified as categorical discharges under 40 CFR 445 Landfills Point Source Category.

   f. The permittee shall conduct facility inspections to verify that all elements of the plan, including the site map, potential pollutant sources, and structural and non-structural controls to reduce pollutants in landfill storm water discharges are accurate. Inspections shall be conducted quarterly during or shortly after a significant rain event, but no less than annually if no such significant rain event occurs. Observations that require a response and the appropriate response to the observation shall be retained as part of the plan. Records documenting observations made during the site inspection shall be submitted to the

Agency in accordance with the reporting requirements of this permit.

g. The plan should briefly describe the appropriate elements of other program requirements, including Spill Prevention Control and Countermeasures (SPCC) plans required under Section 311 of the CWA and the regulations promulgated thereunder, and Best Management Programs under 40 CFR 125.100.

h. The plan is considered a report that shall be available to the public under Section 308(b) of the CWA. The permittee may claim portions of the plan as confidential business information, including any portion describing facility security measures.

i. The plan shall include the signature and title of the person responsible for preparation of the plan and include the date of initial preparation and each amendment thereto.

2. The storm water pollution prevention plan for landfill construction activities shall include the following items:

a. **Site Description.** Each plan shall, provide a description of the following:

i. A description of the nature of the construction activity;

ii. A description of the intended sequence of major activities which disturb soils for major portions of the site (e.g. grubbing, excavation, grading);

iii. Estimates of the total area of the site and the total area of the site that is expected to be disturbed by excavation, grading, or other activities;

iv. An estimate of the runoff coefficient of the site after construction activities are completed and existing data describing the soil or the quality of any discharge from the site;

v. A site map indicating drainage patterns and approximate slopes anticipated before and after major grading activities, area of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands), and locations where storm water is discharged to a surface water; and

vi. The name of the receiving water(s) and the ultimate receiving water(s), and aerial extent of wetland acreage at the site.

b. **Controls.** Each plan shall include a description of appropriate controls that will be implemented at the construction site. The plan will clearly describe for each major activity identified, appropriate controls and the timing during the construction process that the controls will be implemented. (For example, perimeter controls for one portion of the site will be installed after the clearing and grubbing necessary for installation of the measure, but before the clearing and grubbing for the remaining portions of the site. Perimeter controls will be actively maintained until final stabilization of those portions of the site upward of the perimeter control. Temporary perimeter controls will be removed after final stabilization). The description of controls shall address as appropriate the following minimum components:

i. **Erosion and Sediment Controls.**

(A). **Stabilization Practices.** A description of interim and permanent stabilization practices, including site-specific scheduling of the implementation of the practices. Site plans should ensure that existing vegetation is preserved where attainable and that disturbed portions of the site are stabilized. Stabilization practices may include: temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures that might be found in the "Illinois Urban Manual" dated 2002. A record of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be included in the plan. Except as provided in paragraphs A.2.b.i.(A).(1). and A.2.b.ii., stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased.

(1). Where the initiation of stabilization measures by the 14th day after construction activity temporary or permanently cease is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.

(2). Where construction activity will resume on a portion of the site within 21 days from when activities ceased, (e.g. the total time period that construction activity is temporarily ceased is less than 21 days) then stabilization measures do not have to be initiated on that portion of site by the 14th day after construction activity temporarily ceased.

(B). **Structural Practices.** A description of structural practices to the degree attainable, to divert flows from exposed soils,

store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. Structural practices should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 of the CWA.

ii. **Storm Water Management.** A description of measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. Structural measures should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 of the CWA. This permit only addresses the installation of storm water management measures, and not the ultimate operation and maintenance of such structures after the construction activities have been completed and the site has undergone final stabilization. Permittees are responsible for only the installation and maintenance of storm water management measures prior to final stabilization of the site, and are not responsible for maintenance after storm water discharges associated with landfill construction have been eliminated from the site.

(A). Such practices may include: storm water detention structures (including wet ponds); storm water retention structures; flow attenuation by use of open vegetated swales and natural depressions; infiltration of runoff on-site; and sequential systems (which combine several practices). The pollution prevention plan shall include an explanation of the technical basis used to select the practices to control pollution where flows exceed predevelopment levels.

(B). Velocity dissipation devices shall be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g. maintenance of hydrologic conditions, such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

iii. **Other Controls.**

(A). **Waste Disposal.** No solid materials, including building materials, shall be discharged to Waters of the State, except as authorized by a Section 404 permit.

(B). The plan shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.

iv. **Approved State or Local Plans.** The management practices, controls and other provisions contained in the storm water pollution prevention plan must be at least as protective as the requirements contained in the "Illinois Urban Manual" dated 2002. Facilities which discharge storm water associated with construction site activities must include in their storm water pollution prevention plan any applicable local requirements. Storm water management requirements approved by local officials that are applicable to protecting surface water resources are incorporated by reference and are enforceable under this permit even if they are not specifically included in a storm water pollution prevention plan required under this permit. This provision does not apply to provisions of master plans, comprehensive plans, non-enforceable guidelines or technical guidance documents that are not identified in a specific plan or permit that is issued for the construction site.

c. **Maintenance.** A description of procedures to maintain in good and effective operating conditions vegetation, erosion and sediment control measures and other protective measures identified in the site plan.

3. The storm water pollution prevention plan for new and existing storm water discharges associated with active or inactive landfill or open dumps and any on-site ancillary activities that receive or have received any industrial wastes shall include the following items:

a. The plan shall provide a description of potential sources which may be expected to add significant quantities of pollutants to storm water discharges, or which may result in non-storm water discharges from the facility. The plan shall include, at a minimum, the following items:

i. A topographic map extending one-quarter mile beyond the property boundaries of the facility, showing: the facility, surface water bodies, wells (including injection wells), seepage pits, infiltration ponds, and the discharge points where the facility's storm water discharges to surface waters. The requirements listed in this paragraph may be included on the site map if appropriate.

ii. A site map showing:

(A). The storm water conveyance and discharge structures;

(B). An outline of the storm water drainage areas for each storm water discharge point;

(C). Paved areas and buildings;

(D). Areas used for outdoor storage, or disposal of significant materials, including activities that generate significant quantities of dust or particulates;

(E). Location of existing storm water structural control measures (dikes, coverings, detention facilities, etc.);

(F). Surface water locations;

(G). Areas of existing and potential soil erosion;

(H). Vehicle service and traffic areas;

(I). Material loading, unloading, and access areas;

(J). Areas that have daily cover, intermediate final cover and final vegetative cover of the landfill;

(K). Areas that are considered ancillary operations of a landfill.

iii A narrative description of the following:

(A). The nature of the landfill activities conducted at the site, including a description of significant materials that are treated, stored or disposed of in a manner to allow exposure to storm water;

(B). Materials, equipment, and vehicle management practices employed to minimize contact of significant materials with storm water discharges;

(C). Existing structural and non-structural control measures to reduce pollutants in storm water discharges;

(D). Landfill storm water discharge treatment facilities;

(E). Methods of on-site storage and disposal of significant materials.

iv. A list of the types of pollutants found present by required testing, either by this permit or application requirements.

v. An estimate of the size of the facility in acres or square feet, and the percent of the facility that has impervious areas such as pavement or buildings.

vi. A summary of existing sampling data describing pollutants in storm water discharges from the landfill or ancillary activities.

b. The plan shall describe the storm water management controls which will be implemented by the facility. The appropriate controls shall reflect identified existing and potential sources of pollutants at the facility. The description of the storm water management controls shall include:

i. Storm Water Pollution Prevention Personnel - Identification by job titles of the individuals who are responsible for developing, implementing, and revising the plan.

ii. Preventive Maintenance - Procedures for inspection and maintenance of storm water conveyance system and devices such as oil/water separators, catch basins, etc., and inspection and testing of plant equipment and systems that could fail and result in discharges of pollutants to storm water.

iii. Good Housekeeping - Good housekeeping requires the maintenance of clean, orderly facility areas that discharge storm water. Material or handling areas shall be inspected and cleaned to reduce the potential for pollutants to enter the storm water conveyance system.

iv. Spill Prevention and Response - Identification of areas where significant materials can spill into or otherwise enter the storm water conveyance systems and their accompanying drainage points. Specific material handling procedures, storage requirements, spill clean up equipment and procedures should be identified, as appropriate. Internal notification procedures for spills of significant materials should be established.

v. Storm Water Management Practices - Storm water management practices are practices other than those which control the

source of pollutants. They include measures such as installing oil and grit separators, diverting storm water into retention basins, etc. Based on assessment of the potential of various sources to contribute pollutants, measures to remove pollutants from storm water discharge shall be implemented. In developing the plan, the following management practices shall be considered:

(A). Containment - Storage within berms or other secondary containment devices to prevent leaks and spills from entering storm water runoff;

(B). Oil & Grease Separation - Oil/water separators, booms, skimmers or other methods to minimize oil contaminated storm water discharges;

(C). Debris & Sediment Control - Screens, booms, sediment ponds or other methods to reduce debris and sediment in storm water discharges;

(D). Waste Chemical Disposal - Waste chemicals such as antifreeze, degreasers and used oils shall be recycled or disposed of in an approved manner and in a way which prevents them from entering storm water discharges;

(E). Storm Water Diversion - Storm water diversion away from storage and other areas of potential storm water contamination;

(F). Covered Storage - Covered fueling operations and storage areas to prevent contact with storm water.

vi. Sediment and Erosion Prevention - The plan shall identify areas which due to topography, activities, or other factors, have a high potential for significant soil erosion and describe measures to limit erosion.

vii. Employee Training - Employee training programs shall inform personnel at all levels of responsibility of the components and goals of the storm water pollution control plan. Training should address topics such as spill response, good housekeeping and material management practices. The plan shall identify periodic dates for such training.

viii. Inspection Procedures - Qualified plant personnel shall be identified and inspect designated equipment and landfill areas. A tracking or follow-up procedure shall be used to ensure appropriate response has been taken in response to an inspection. Inspections and maintenance activities shall be documented and recorded with copies of the records maintained at the site of the permitted landfill.

B. CONSTRUCTION AUTHORIZATION

Authorization is hereby granted to construct treatment works and related equipment that may be required by the Storm Water Pollution Prevention Plan developed pursuant to this permit.

This Authorization is issued subject to the following condition(s).

1. If any statement or representation is found to be incorrect, this authorization may be revoked and the permittee thereupon waives all rights thereunder.

2. The issuance of this authorization (a) does not release the permittee from any liability for damage to persons or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (b) does not take into consideration the structural stability of any units or part of this project; and (c) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or other applicable local law, regulations or ordinances.

3. Plans and specifications of all treatment equipment being included as a part of the storm water management practice shall be included in the SWPPP.

4. Any modification of or deviation from the plans and specifications included in the site's current SWPPP requires amendment of the SWPPP.

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Special Conditions

PUBLIC NOTICE

C. REPORTING

1. The facility shall submit a quarterly inspection report to the Illinois Environmental Protection Agency. The report shall include results of the facility inspections which are required by A.1.f. of this permit. The reports shall also include documentation of any event (spill, treatment unit malfunction, etc.) which would require an inspection, results of the inspection, and any subsequent corrective maintenance activity. The report shall be completed and signed by the authorized facility employee(s) who conducted the inspection(s).

2. All reports shall contain information gathered during the previous quarter beginning with the effective date of this permit and shall be submitted no later than 30 days after each quarter with each subsequent report containing the previous quarter's information.

3. Quarterly inspection reports shall be mailed to the following address:

   Illinois Environmental Protection Agency
   Bureau of Water
   Compliance Assurance Section, Mail Code #19
   Quarterly Report
   1021 North Grand Avenue East
   P.O. Box 19276
   Springfield, Illinois 62794-9276

4. If the facility performs inspections more frequently than required by this permit, the results shall be included as additional information in the quarterly report.

D. DEFINITIONS

1. Non-contaminated stormwater means stormwater which does not come in direct contact with landfill wastes, the waste handling and treatment areas, or landfill wastewater. Non-contaminated stormwater includes stormwater which flows off the cap, cover, intermediate cover, daily cover, and/or final cover of the landfill.

2. Landfill wastewater means all wastewater associated with, or produced by, landfilling activities except for sanitary wastewater, non-contaminated storm water, contaminated ground water, and wastewater from recovery pumping wells. Landfill wastewater includes, but is not limited to, leachate, gas collection condensate, drained free liquids, laboratory derived wastewater, contaminated storm water and contact washwater from washing truck, equipment, and railcar exteriors and surface areas which have come in direct contact with solid waste at the landfill facility.

3. Land application unit means an area where wastes are applied onto or incorporated into the soil surface (excluding manure spreading operations) for treatment or disposal.

4. Landfill means an area of land or an excavation in which wastes are placed for permanent disposal, and which is not a land application unit, surface impoundment, injection well or waste pile.

5. Section 313 water priority chemical means a chemical or chemical categories which: 1) Are listed at 40 CFR 372.65 pursuant to Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) (also known as Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1987); 2) are present at or above threshold levels at a facility subject to EPCRA Section 313 reporting requirements; and 3) that meet at least one of the following criteria: (I) Are listed in Appendix D of 40 CFR 122 on either Table II (organic priority pollutants), Table III (certain metals, cyanides, and phenols) or Table V (certain toxic pollutants and hazardous substances); (ii) are listed as a hazardous substance pursuant to Section 311(b)(2)(A) of the CWA at 40 CFR 116.4; or (iii) are pollutants for which EPA has published acute or chronic water quality criteria.

6. Significant materials includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of CERCLA; any chemical the facility is required to report pursuant to EPCRA Section 313; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges.

7. Significant spills includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (see 40 CFR 110.10 and CFR 117.21) or Section 102 of CERCLA (see 40 CFR 302.4).

8. Leachate means liquid containing materials removed from solid waste. For the purpose of this permit, storm water which falls onto areas of the landfill which have exposed waste or seeps shall be considered leachate.

9. Solid waste means a waste that is defined in this Section as an inert waste, as a putrescible waste, as a chemical waste or as a

special waste, and which is not also defined as a hazardous waste pursuant to 35 Ill. Adm. Code 721.

10. Chemical waste means a non-putrescible solid whose characteristics are such that any contaminated leachate is expected to be formed through chemical or physical processes, rather than biological processes, and no gas is expected to be formed as a result.

11. Inert waste means any solid waste that will not decompose biologically, burn, serve as food for vectors, form a gas, cause an odor, or form a contaminated leachate, as determined in accordance with Section 811.202(b). Such inert wastes shall include only non-biodegradable and non-putrescible solid wastes. Inert wastes may include, but are not limited to, bricks, masonry and concrete (cured for 60 days or more).

12. Putrescible waste means a solid waste that contains organic matter capable of being decomposed by microorganisms so as to cause a malodor, gases, or other offensive conditions, or which is capable of providing food for birds and other vectors. Putrescible wastes may form a contaminated leachate from microbiological degradation, chemical processes, and physical processes. Putrescible waste includes, but is not limited to, garbage, offal, dead animals, general household waste, and commercial waste. All solid wastes which do not meet the definitions of inert or chemical wastes shall be considered putrescible wastes.

13. Special waste means any industrial process waste, pollution control waste or hazardous waste, except as determined pursuant to Section 22.9 of the Act and 35 Ill. Adm. Code 808.

14. Daily cover described in 35 Ill. Adm. Code 811.106.

15. Intermediate cover described in 35 Ill. Adm. Code 811.313.

16. Final cover described in 35 Ill. Adm. Code 811.314 or other approved cover systems.

17. Ancillary activities means any equipment, structures and other devices that are necessary for proper operation of the landfill in accordance with the requirements of the Environmental Protection Act (current edition).

18. Industrial wastes means waste that is received from any of the facilities described in 40 CFR 122.26(b)(14).

19. Significant rain event means any rainfall event or equivalent snowfall which is 0.1 inches or greater and occurs, at a minimum, 72 hours from the previously measurable (greater than 0.1 inch rainfall or equivalent snow melt) storm event.

Note that additional definitions are included in the permit Standard Conditions, Attachment H.

E. SAMPLE REQUIREMENTS

The permittee shall initiate a quarterly monitoring program of stormwater or snowmelt discharges associated with active or inactive landfills and any on-site ancillary activities. Samples shall be collected from the discharge resulting from a rainfall event that is greater than 0.1 inches in magnitude or equivalent snow melt and occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall or equivalent snow melt) storm event. Storm water discharges resulting from strictly landfill construction activities, areas of the landfill under construction that have not received waste, shall not be required to perform monitoring.

For discharges from holding ponds or other impoundments with a retention period greater than 24 hours, a minimum of one grab sample may be taken and analyzed. For all other discharges, a grab sample shall be taken during the first thirty minutes of the discharge and a minimum of three sample aliquots taken in each hour of the discharge for the entire discharge or the first three hours of the discharge, with each aliquot being separated by a minimum period of fifteen minutes. The grab sample taken during the initial thirty minutes of discharge shall be analyzed separately and the remaining sample aliquots may be combined to form a single sample for analysis.

The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, http://www.epa.state.il.us/water/edmr/index.html.

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The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

The permittee shall sample stormwater discharges for the following:

Ammonia (as N)
Arsenic
Barium
BOD_5
Boron
Cadmium
Chloride
Chromium (Hexavalent)
Chromium (Trivalent)
Copper
Fluoride
Oil & Grease
Hardness
Iron (dissolved)
Lead
Manganese
Mercury
Nickel
pH
Phenols
Sulfate
Iron (Total)
Total Dissolved Solids
Temperature
TOC
TSS
Zinc

Monitoring requirements for oil and grease, pH and temperature shall only be performed on the initial grab sample.

In addition to the sample requirements, the permittee shall make a reasonable attempt to measure the flow of the stormwater discharge from each outfall and the storm duration and total precipitation quantity causing the stormwater discharge on a daily basis and report results as a monthly average and daily maximum value in units of Million Gallons per Day (MGD) on the monthly DMR forms.

Unless otherwise indicated, concentrations refer to the total amount of the constituent present in all phases, whether solid, suspended or dissolved, elemental or combined, including all oxidation states. Where constituents are commonly measured as other than total, the word "total" is inserted for clarity.

The analyses for the above parameters shall meet the detection limits as established for accepted test procedures listed in 40 CFR 136. Mercury shall be monitored using USEPA Method 1631.

Quarterly sample results shall be submitted with the January, April, July and October DMR's.

SPECIAL CONDITION 2. For the purpose of this permit outfalls 002, 004, 006 and 007 are limited to stormwater, free from leachate and other wastewater discharges.

SPECIAL CONDITION 3. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 4. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 5. The issuance of this permit, construction authorizations or other approvals, does not relieve the permittee of the responsibilities of complying with the provisions required by the Bureau of Land.

SPECIAL CONDITION 6. The permittee shall request modification of this permit in accordance with attachment H prior to utilizing biosolids or bioremediated soils as final protective cover, final cover, intermediate cover or daily cover.

Attachment H

Standard Conditions

Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended. 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24-Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8-Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

(1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirements.

(2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.

(3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

(5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

(6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62 and 40 CFR 122.63. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

(7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.

(8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.

(9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency or USEPA (including an authorized contractor acting as a representative of the Agency or USEPA), upon the presentation of credentials and other documents as may be required by law, to:
(a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
(c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
(d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.

(10) **Monitoring and records.**
(a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
(b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. Records related to the permittee's sewage sludge use and disposal activities shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503). This period may be extended by request of the Agency or USEPA at any time.
(c) Records of monitoring information shall include:
(1) The date, exact place, and time of sampling or measurements;
(2) The individual(s) who performed the sampling or measurements;
(3) The date(s) analyses were performed;
(4) The individual(s) who performed the analyses;
(5) The analytical techniques or methods used; and
(6) The results of such analyses.
(d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

(11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
(a) **Application.** All permit applications shall be signed as follows:
(1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation:
(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
(3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
(b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
(1) The authorization is made in writing by a person described in paragraph (a); and
(2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
(3) The written authorization is submitted to the Agency.
(c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
(d) **Certification.** Any person signing a document under paragraph (a) or (b) of this section shall make the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

(12) **Reporting requirements.**
(a) **Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
Notice is required when:
(1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source pursuant to 40 CFR 122.29 (b); or
(2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements pursuant to 40 CFR 122.42 (a)(1).
(3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
(b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
(c) **Transfers.** This permit is not transferable to any person except after notice to the Agency.
(d) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
(e) **Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
(1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).

(2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

(3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.

(f) **Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24-hours:

(1) Any unanticipated bypass which exceeds any effluent limitation in the permit.

(2) Any upset which exceeds any effluent limitation in the permit.

(3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit or any pollutant which may endanger health or the environment.

The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24-hours.

(g) **Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12) (d), (e), or (f), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12) (f).

(h) **Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.

(13) **Bypass.**

(a) Definitions.

(1) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.

(2) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

(b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (13)(c) and (13)(d).

(c) Notice.

(1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.

(2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in paragraph (12)(f) (24-hour notice).

(d) Prohibition of bypass.

(1) Bypass is prohibited, and the Agency may take enforcement action against a permittee for bypass, unless:

(i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

(iii) The permittee submitted notices as required under paragraph (13)(c).

(2) The Agency may approve an anticipated bypass, after considering its adverse effects, if the Agency determines that it will meet the three conditions listed above in paragraph (13)(d)(1).

(14) **Upset.**

(a) Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

(b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (14)(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

(c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An upset occurred and that the permittee can identify the cause(s) of the upset;

(2) The permitted facility was at the time being properly operated; and

(3) The permittee submitted notice of the upset as required in paragraph (12)(f)(2) (24-hour notice).

(4) The permittee complied with any remedial measures required under paragraph (4).

(d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

(15) **Transfer of permits.** Permits may be transferred by modification or automatic transfer as described below:

(a) Transfers by modification. Except as provided in paragraph (b), a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued pursuant to 40 CFR 122.62 (b) (2), or a minor modification made pursuant to 40 CFR 122.63 (d), to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

(b) Automatic transfers. As an alternative to transfers under paragraph (a), any NPDES permit may be automatically transferred to a new permittee if:

(1) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
(2) The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage and liability between the existing and new permittees; and
(3) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.

(16) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:
(a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
(1) One hundred micrograms per liter (100 ug/l);
(2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
(3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
(4) The level established by the Agency in this permit.
(b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.

(17) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:
(a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
(b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
(c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

(18) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:
(a) User charges pursuant to Section 204 (b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
(b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
(c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.

(19) If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.

(20) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.

(21) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.

(22) The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than one year, or both.
Additional penalties for violating these sections of the Clean Water Act are identified in 40 CFR 122.41 (a)(2) and (3).

(23) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than $20,000 per day of violation, or by imprisonment of not more than 4 years, or both.

(24) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

(25) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.

(26) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.

(27) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board or any court with jurisdiction.

(28) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.

(Rev. 7-9-2010 bah)

IEPA EXHIBIT

No. 11

Hafliger, Belinda

Subject: NPDES Permit Public Notice - IL0064777 - Peoria Disposal Company
Start Date: Thursday, July 18, 2013
Due Date: Thursday, July 18, 2013

Status: Not Started
Percent Complete: 0%

Total Work: 0 hours
Actual Work: 0 hours

Owner: Hafliger, Belinda

13061801
IL0064777 Peoria...

Jaime Kabins

BOW ID: W1438080008

IEPA EXHIBIT

No. 12

PN Date July 18, 2013

Permit No. IL0064777

Permittee Name Peoria Disposal Company

PLEASE CHECK THE APPROPRIATE ANSWER AND RETURN:

\/ I will post the Public Notice for a period of 30 days.
beginning 7/22/13.

_____ I will not post the Public Notice.

Beth Ball 7/22/13
Signature Date

IL 532-1579
WPC 528 6/87

IEPA EXHIBIT
No. 13

Peoria Disposal Company
4349 Southport Road
Peoria, Illinois 61615
309.676.4893
www.pdcarea.com

RECEIVED
AUG 19 2013
IEPA/CAS

August 16, 2013

Mr. Alan Keller, P.E.
Manager Permit Section
Illinois Environmental Protection Agency (IEPA)
Division of Water Pollution Control – Permit Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794

Re: Requested Revisions to July 18, 2013 Draft Public Notice/Fact Sheet and Individual NPDES Draft Permit No. IL0064777
IEPA ID No. 1438120003
Peoria Disposal Company
Peoria County

IEPA - DIVISION OF RECORDS MANAGEMENT
RELEASABLE
OCT 21 2013
REVIEWER EAV

Attention: NPDES PN Clerk:

Peoria Disposal Company (PDC) is providing comments and is requesting revisions to the Illinois Environmental Protection Agency (IEPA), Division of Water Pollution Control – Permit Section Draft Public Notice/Fact Sheet for the Draft Reissued NPDES Permit No. IL0064777, dated July 18, 2013.

IEPA conditions are enumerated and presented in bold font below, followed by PDC's requested revisions:

1. **The Draft Permit cover page and Page 11, Part E. Sample Requirements, Special Condition 2.**

   Outfall 008 is not included on the list of Outfalls.

2. **Pages 10 and 11, Part E. Sample Requirements.**

   The analytical sampling requirements depicted in Part E are primarily based on landfill activities/operations. The facility ceased landfilling operations on June 28, 2013 and is in the process of completing the installation of final cover (reference NPDES Permit No. ILR10R306). The final cover includes an impervious barrier consisting of compacted clay and a high density polyethylene (HDPE) geomembrane overlain by a protective cover consisting of 2.5 feet of soil. A subsurface drainage system (installed above the geomembrane) drains water that infiltrates the protective cover. The protective cover will be vegetated with grass. Both the impervious barrier compacted clay and installation

of the HDPE layer has since been completed, and PDC anticipates that the final cover earthwork will be completed by late August, with seeding occurring shortly thereafter.

Outfalls 002 and 004 each receive runoff from closed portions of Landfill Area C. Due to the similar watershed characteristics of Outfalls 002 and 004, and as demonstrated by the similar storm water quality analytical results, PDC believes that storm water monitoring at Outfall 002 will be representative of storm water quality at Outfall 004. Therefore, PDC requests that the qualitative sampling requirements for Outfall 004 be eliminated. PDC agrees to monitor storm water quality at Outfall 002 as described in the Draft Permit.

Outfalls 006 and 007 each receive runoff from portions of the closed Solid Waste Landfill and Landfill Area 1. Due to the similar watershed characteristics of Outfalls 006 and 007, and as demonstrated by the similar storm water quality analytical results, PDC believes that storm water monitoring at Outfall 007 will be representative of storm water quality at Outfall 006. Therefore, PDC requests quarterly qualitative sampling requirements for Outfall 006 be eliminated. PDC agrees to monitor storm water quality at Outfall 007 as described in the Draft Permit.

Outfalls 007 and 008 each receive runoff from portions of the closed Solid Waste Landfill and maintenance areas. Due to the similar watershed characteristics of Outfalls 007 and 008, and because of the very limited watershed area served by Outfall 008, PDC believes that storm water monitoring at Outfall 007 will be representative of storm water quality at Outfall 008. Therefore, PDC requests that qualitative sampling requirements for Outfall 008 be eliminated. PDC agrees to monitor storm water quality at Outfall 007 as described in the Draft Permit.

We are hopeful that this letter and its attachments will result in modifying the IEPA NPDES Draft Public Notice/Fact Sheet and Permit No. IL0064777 as requested. Please contact me at (309) 495-1551, or by e-mail at rwelk@pdcarea.com if you have any questions, comments, or if any additional information is required.

Sincerely,

Peoria Disposal Company

Ronald J. Welk
Vice President

cc: PDC Technical Services, Inc.
file

s:\projects\91-0143 pdc 1\permitting\2012\npdes permit renewal 2012\npdes permit renewal response\pdc1 draft permit application response 08162013.doc

IEPA EXHIBIT
No. 14

FAX TO:
IEPA Bureau of Water, Permits Division
NPDES Permit IL0064777

sent by FAX to 217-782-9891

FROM:
Joyce Blumenshine
Heart of IL Group Sierra Club Chair
2419 E. Reservoir
Peoria, IL 61614-8029

August 19, 2013

TOTAL PAGES BEING SENT: 3
(including cover page)

REGARDING: Public Notice Comment NPDES IL0064777

SIERRA CLUB
FOUNDED 1892
Heart of Illinois Group P.O. Box 3593, Peoria, IL 61612
http://illinois.sierraclub.org/hoi

August 19, 2013

NPDES Comment RE: IL0064777
Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Permit Section 1021 North Grand Ave., East
P.O. Box 19276
Springfield, IL 62794-9276

faxed to 217-782-9891 and emailed to Al.Keller@illinois.gov

RE: Public Comment on NPDES IL0064777

To the Illinois EPA Bureau of Water Permits Division and Mr. Al Keller, Divison Head:

The Peoria Disposal Company facility under NPDES IL0064777 at 4349 Southport Road, Peoria, IL 61615, is a hazardous waste landfill located next to the city of Peoria at the immediate western edge of residential and low-income apartments neighborhoods. This hazardous waste landfill affects environmental justice issues pertaining to potential health risks from environmental pollution.

The Unnamed Tributaries of Kickapoo Creek, to which the Outfalls in this NPDES discharge, affect Kickapoo Creek which flows to the Illinois River and are waters of the state. The Illinois River is listed for mercury, among other pollutant concerns. Heart of Illinois Group Sierra Club respectfully wishes to point out that efforts to reduce and stop mercury contamination of the Illinois River are essential. Fish advisories are in place for many popular fishing species, however, most public fishing areas that are frequented along the areas downstream of the Kickapoo Creek discharge to the Illinois River, lack any kinds of notices regarding mercury contamination and fish advisories. We are concerned that many individuals consuming fish from the Illinois river may not realize that there are mercury advisories, or for economic reasons or other reasons, do not limit their Illinois River fish intake in the recommended amounts.

Usually the federal EPA ECHO database (Environmental Compliance History Online) is helpful in researching the most recent quarters of DMR information for specific NPDES permits, however, the ECHO listings for NPDES IL0064777 for Peoria Disposal Company have very little information and information appears to be missing. What data is posted shows the date of the last CWA IL0064777 inspection as 1/25/2006, which seems a very long time ago. The CWA IL0064777 Compliance Status lists Non-compliance in Quarter for January to March 2012, through all quarters through January to March of 2013, and appears to indicate Reported Violation. No data on the Daily Monitoring Reports or violations was accessible. I hope that IEPA will ensure that the full NPDES and DMRs for this site are posted to the federal EPA so that this information is available to the public. We are very concerned that if this site is not in full compliance with its current NPDES permit, that approval of the permit renewal should require this site to be in compliance.

page 2

Heart of Illinois Group Sierra Club is concerned that this facility has been listing for numerous years that it is about to close, yet this landfill does not appear to be in closure. The most recent IEPA Bureau of Land Annual Landfill Report which is for 2011, states that it is "Nearing closure" and that the expected year to close is 2013. Landfill reports for this facility have stated "Nearing closure" or that there is 1 year or slightly more than one year remaining since 2006. While we realize it is not under the purview of this NPDES permit to consider that this facility should be closing, we are very concerned that the continued operations of this NPDES site are adding mercury to the Illinois River. We sincerely hope that any actions IEPA BOW can take to require this facility to close and cap all areas so that the risk of additional mercury discharges can be stopped, will be done.

We also wish to ask if the listing of what the permittee shall sample for stormwater discharges can include PCBs, dioxin, furan, and PAH's. Our current main concern is that this site is "treating" hundreds of thousands of tons of electric arc furnace dust waste (EAF). The treatment process includes allowing the mixture to sit in roll-off boxes to "cure." Google Earth views of this location show numerous roll-off boxes. We know that the EAF contains dioxins and furans and these were issues of concern for the delisting permit Peoria Disposal obtained some years ago. Peoria Disposal Company obtained Illinois Pollution Control Board approval to delist the EAF as a Hazardous Waste based on the PDC secret treatment process. We think that the Indian Creek Landfill where PDC hauls the "treated" EAF has monitoring for dioxins and furans and we wish to request that since the "treatment" location for this waste is at NPDES IL0064777, that this location also be required to test for these.

Heart of Illinois Group Sierra Club is comprised of nearly 900 voluntary members who live in the central Illinois area, rely on area water for their public drinking supply and household needs, and enjoy boating, kayaking, canoing, fishing, and other forms of water recreation in the area including the Illinois River and tributary streams. We value the health of the environment and request that the IEPA take additional steps for increased monitoring via the NPDES for IL0064777, and take any steps possible to reduce mercury being added to our local tributaries, streams, and the Illinois River.

Sincerely,

Joyce Blumenshine
Chair

W1438080008
Cat. 10

Rabins, Jaime

From: Keller, Al
Sent: Friday, September 13, 2013 11:34 AM
To: Rabins, Jaime
Cc: Callaway, Roger
Subject: RE: Comments regarding NPDES Permit No. IL0064777

IEPA EXHIBIT
No. 15

Put comment in letter that we have forwarded comment to CAS for appropriate action.

From: Rabins, Jaime
Sent: Friday, September 13, 2013 10:49 AM
To: Keller, Al
Subject: FW: Comments regarding NPDES Permit No. IL0064777

Al,

You returned the Peoria Disposal Company Landfill NPDES permit to me and requested that I look into the violations alleged by PFATW and Sierra Club. Three of them are for late Annual Inspection Reports for 2008, 2009, and 2010, but the fourth violation is for not submitting the 2011 Annual Inspection Report. I checked with the operator of the site and they confirm that the report was never submitted and they do not have a copy to send us. Do you want to proceed with reissuing the permit acknowledging that the 2011 report was never submitted?

Jaime Rabins, P.E.
Environmental Protection Engineer, Industrial Unit
Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency

ph: 217-524-3035
fax: 217-782-9891
Jaime.Rabins@Illinois.gov

From: Callaway, Roger
Sent: Wednesday, September 11, 2013 8:15 AM
To: Rabins, Jaime
Subject: FW: Comments regarding NPDES Permit No. IL0064777

From: Nolder, Token
Sent: Tuesday, September 10, 2013 4:38 PM
To: Callaway, Roger
Subject: RE: Comments regarding NPDES Permit No. IL0064777

From 1/2006-8/2013 looks like the only violations are for missing schedules.

From: Callaway, Roger
Sent: Tuesday, September 10, 2013 3:57 PM
To: Nolder, Token
Cc: Ruyle, Caleb
Subject: FW: Comments regarding NPDES Permit No. IL0064777

Can you check and see if the violations noted in the email below are accurate. If so they may be open for a VN. Thanks

---

From: Rabins, Jaime
Sent: Tuesday, September 10, 2013 9:20 AM
To: Callaway, Roger
Cc: Keller, Al
Subject: FW: Comments regarding NPDES Permit No. IL0064777

Roger,

Al wanted me to check with you about potential violations alleged by PFATW. Sierra Club makes a similar argument. See attachment.

Jaime Rabins, P.E.
Environmental Protection Engineer, Industrial Unit
Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency

ph: 217-524-3035
fax: 217-782-9891
Jaime.Rabins@Illinois.gov

From: Tracy Meints Fox [mailto:tracy@tracyfox.com]
Sent: Tuesday, August 20, 2013 12:00 AM
To: Rabins, Jaime; Sofat, Sanjay; Keller, Al
Subject: Comments regarding NPDES Permit No. IL0064777

Dear Illinois EPA regulators,

I am writing on behalf of Peoria Families Against Toxic Waste (PFATW) to ask that you strengthen the draft NPDES permit no. IL0064777 being granted to Peoria Disposal Company for its hazardous waste landfill facility in Peoria County.

We ask that you ensure that the permit reflects the ongoing processing of delisted hazardous waste at the site and the dangers this processing poses to our local water supplies.

First, the delisting process involves a 60-day curing period during which large tonnages of curing hazardous waste are moved about atop closed parts of the landfill using heavy construction machinery. PFATW believes this imperils water in two ways. The curing waste itself must be considered a potential source of water pollution as its stability hinges on a successful cure. Also, the disturbance of closed parts of the landfill can potentially compact underlying wastes, damage liners, and otherwise shift topography in ways that can increase leachate and/or stormwater runoff. The NPDES permit should include additional monitoring specific to these circumstances, but it does not appear to.

Second, the determination of the stability of the delisted waste hinges on a successful demonstration that a long list of constituents of concern are not leaching out of the cured waste. PFATW believes it is appropriate to use this same list of constituents and include comparable limits for stormwater runoff. The NPDES permit only includes limits for lead and mercury. PFATW suggests that limits be established for all constituents of concern identified by the IPCB in its delisting approval.

Finally, the reported data in the USEPA ECHO system shows this facility to be in violation for six of the last twelve quarters. It is unclear from the limited data available in ECHO whether this is a failure to report or an actual violation. In either case, all outstanding issues need to be resolved before this permit is reissued.

Sincerely,

Tracy Meints Fox
15215 N Ivy Lake Road
Chillicothe, IL 61523
309-369-5331

Rabins, Jaime

From: Ron Welk <RWelk@pdcarea.com>
Sent: Wednesday, September 18, 2013 8:27 AM
To: Rabins, Jaime
Cc: George Armstrong
Subject: RE: PDC #1 Permits Contact

IEPA EXHIBIT
No. 16

Jaime:

Is there any mechanism left at this point in the process for us to object to this? Frankly, given our layout and controls we do not believe there is any plausible argument that runoff could be exposed to those analytes. Is this just for one outfall? Are the citizen comments and corresponding IEPA basis for adding those analytes available to us?

Please let me know.

Ron

From: Rabins, Jaime [mailto:Jaime.Rabins@Illinois.gov]
Sent: Tuesday, September 17, 2013 8:35 AM
To: Ron Welk
Subject: RE: PDC #1 Permits Contact

Ron,

Due to comments made by concerned citizen groups we are going to add PCBs, dioxin, furan, and PAH's to the monitoring list in Special Condition 1.

Jaime Rabins, P.E.
Environmental Protection Engineer, Industrial Unit
Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency

ph: 217-524-3035
fax: 217-782-9891
Jaime.Rabins@Illinois.gov

From: Ron Welk [mailto:RWelk@pdcarea.com]
Sent: Friday, September 13, 2013 10:42 AM
To: Rabins, Jaime
Cc: Bill N. Bicher
Subject: PDC #1 Permits Contact

Jaime:

As we just discussed, because Bill is gone next week please continue to use him as the primary contact and copy me.

Thanks,

Ron Welk

Peoria Disposal Company
4349 W. Southport Road
Peoria, IL 61615
E-mail to: rwelk@pdcarea.com
Phone: (309)495-1551
Fax: (309) 672-2726
Website: www.pdcarea.com

Region 1 CAS 9-20-17

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

Subject: Peoria Disposal Company
Data: IL0064777
Reviewed By: Jaime Rabins

Date: September 19, 2013

IEPA EXHIBIT
No. 17

30-Day Notice Review Notes:

PDC has the following comments:

1. Outfall 008 should be listed on pages 1 and SC 2 of the permit.

Response: The outfall is listed on page 2 and will be referenced on the other pages as requested.

2. The 002 data is sufficient to represent the discharge from outfalls 002 and 004 because they both receive drainage from the same area. The 007 data is sufficient to represent the discharge from outfalls 006, 007 and 008 for the same reason.

Response: The Standards Unit does not take a position on reducing the number of outfalls monitored. See July 11, 2013 email from Bob Mosher. I have renewed several landfill permits, and many of them require different WQBEL at each outfall, so the current proposal to monitor every outfall will remain. Furthermore, landfills have post-closure care requirements for decades, so it is appropriate that discharge monitoring would continue during that time. Same comment and response as comment 6 on the 15-Day review notes.

Comments were received Peoria Families Against Toxic Waste (PFATW):

PFATW is concerned that hauling the waste to the top of the landfill will disturb closed parts of the landfill which may impact stormwater runoff.

Response: The proposed permit will require monitoring for metals and other pollutants to ensure that discharges meet water quality standards.

The permit only requires limits for lead mercury and should include the same list as is required for delisted waste approved by the IPCB.

Response: Limits were included for lead and mercury because they were the only metals which available data demonstrated a reasonable potential to exceed water quality standards. Many metals and other parameters are required to be monitored in order to obtain new data on an ongoing basis.

The USEPA ECHO database shows the facility to be in violation for six of the last twelve quarters.

Response: Our records show that the 2008, 2009, and 2012 Annual Inspection Reports were submitted late and the 2011 report was never received. PDC was contacted and confirms that the 2011 report was not submitted and cannot be located. The comment will be forwarded to CAS for appropriate action. See September 13, 2013 email from Al Keller.

Subject: Peoria Disposal Company
Data: IL0064777
Reviewed By: Jaime Rabins Date: September 19, 2013

Comments were received from Sierra Club:

Many people fish from the Illinois River and mercury is a pollutant of concern.

Reponse: Mercury data has been reviewed and there is no reasonable potential to exceed water quality standards for mercury at outfalls 002, 004, and 006. Mercury is limited at outfall 007 and data does not exist for outfall 008 as it was not in the previous permit and thus not required to be monitored.

The USEPA ECHO database shows the facility to be in violation for six of the last twelve quarters.

Response: Same response as similar comment from PFATW

The facility has been listing that it is nearing closure in the annual report for several years.

Response: Landfilling operations ceased on June 28, 2013 and the landfill is currently receiving final cover.

The landfill receives hundreds of thousands of tons of electric arc furnace dust waste and should include monitoring for PCB's, dioxin, furan, and PAH's.

Since this site received hazardous waste, monitoring for PCB's, dioxin, furan, and PAH's have been added to the permit as requested. PDC objects to this new requirement, but they do not provide any facts which justify removal of the monitoring. See Septmeber 18, 2013 email from Ron Welk.

Action: Re-issue Permit

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217)782-2829

PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

IEPA EXHIBIT
No. 18

217/782-0610

September 20, 2013

Sierra Club
2419 E. Reservoir
Peoria, IL 61614-8029

RE: Sierra Club Comments on Peoria Disposal Company NPDES Permit
NPDES Permit No. IL0064777

Dear Ms. Blumenshine:

We have reviewed your comments to the public noticed draft permit and have issued the final permit. The Agency offers the following responses to comments received:

1. Mercury has been considered during the permit renewal. In fact, mercury limits were added to outfall 007; there is no reasonable potential to exceed mercury water quality standards at outfalls 002, 004, and 006; and outfall 008 is new to the permit and will be monitored quarterly.
2. Your comments regarding non-compliance have been forwarded to the Compliance Assurance Section for appropriate action.
3. Landfilling operations ceased on June 28, 2013 and the landfill is currently receiving final cover.
4. Since this site received hazardous waste, monitoring for PCB's, dioxin, furan, and PAH's have been added to the permit.

Should you have questions concerning the Permit, please contact Jaime Rabins at 217/782-0610.

Sincerely,

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:JAR:13061801.jar

Attachment: Final Permit

cc: Records
Compliance Assurance Section
Peoria Region

IEPA - DIVISION OF RECORDS MANAGEMENT
RELEASABLE
OCT 21 2013
REVIEWER EAV

000145

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120
9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)814-6026

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217)782-2829

PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

IEPA EXHIBIT
No. 19

217/782-0610

September 20, 2013

Peoria Families Against Toxic Waste
15215 N. Ivy Lake Road
Chillicothe, IL 61523

RE: PFATC Comments on Peoria Disposal Company NPDES Permit
NPDES Permit No. IL0064777

Dear Ms. Fox:

We have reviewed your comments to the public noticed draft permit, and have issued the final permit. The Agency offers the following responses to comments received:

1. The permit requires monitoring for metals and other pollutants to ensure that discharges meet water quality standards.
2. Limits were included for lead and mercury because they were the only metals which available data demonstrated a reasonable potential to exceed water quality standards. Many metals and other parameters are required to be monitored in order to obtain new data on an ongoing basis.
3. Your comments regarding non-compliance have been forwarded to the Compliance Assurance Section for appropriate action.

Should you have questions concerning the Permit, please contact Jaime Rabins at 217/782-0610.

Sincerely,

Alan Keller

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:JAR:13061801.jar

Attachment: Final Permit

cc: Records
Compliance Assurance Section
Peoria Region

IEPA - DIVISION OF RECORDS MANAGEMENT
RELEASED

OCT 21 2013

REVIEWER EAV

000146

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

217/782-0610

IEPA EXHIBIT
No. 20

September 20, 2013

Peoria Disposal Company
P.O. Box 9071
Peoria, IL 61615

Re: Peoria Disposal Company
NPDES Permit No. IL0064777
Final Permit

Gentlemen:

The following are responses to comments regarding the public noticed permit:

1. Outfall 008 was included on page 1 and Special Condition 2 as requested.

2. The monitoring requirements of Special Condition 1E are required for all outfalls to ensure that discharges meet water quality standards.

3. A requirement to monitor PCB's, dioxin, furan, and PAH's has been added to Special Condition 1E due to the fact that the facility has received hazardous waste.

Attached is the final NPDES Permit for your discharge. The Permit as issued covers discharge limitations, monitoring, and reporting requirements. Failure to meet any portion of the Permit could result in civil and/or criminal penalties. The Illinois Environmental Protection Agency is ready and willing to assist you in interpreting any of the conditions of the Permit as they relate specifically to your discharge.

The Agency has begun a program allowing the submittal of electronic Discharge Monitoring Reports (eDMRs) instead of paper Discharge Monitoring Reports (DMRs). If you are interested in eDMRs, more information can be found on the Agency website, http://epa.state.il.us/water/edmr/index.html. If your facility is not registered in the eDMR program, a supply of preprinted paper DMR Forms for your facility will be sent to you prior to the initiation of DMR reporting under the New permit. Additional information and instructions will accompany the preprinted DMRs upon their arrival.

The attached Permit is effective as of the date indicated on the first page of the Permit. Until the effective date of any re-issued Permit, the limitations and conditions of the previously-issued Permit remain in full effect. You have the right to appeal any condition of the Permit to the Illinois Pollution Control Board within a 35 day period following the issuance date.

Should you have questions concerning the Permit, please contact Jaime Rabins at 217/782-0610.

Sincerely,

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:JAR:13061801.jar

Attachment: Final Permit

cc: Compliance Assurance Section
Peoria Region
Records
Billing

IEPA - DIVISION OF RECORDS MANAGEMENT
RELEASABLE
OCT 21 2013
REVIEWER EAV

000147

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120
9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)814-6026

NPDES Permit No. IL0064777

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date: September 30, 2018

Issue Date: September 20, 2013
Effective Date: October 1, 2013

Name and Address of Permittee:

Peoria Disposal Company
P.O. Box 9071
Peoria, IL 61615

Facility Name and Address:

Peoria Disposal Company
4349 Southport Road
Peoria, IL 61615
(Peoria County)

Discharge Number and Name:	Receiving Waters:
002 Stormwater	Unnamed Tributary of Kickapoo Creek
004 Stormwater	Unnamed Tributary of Kickapoo Creek
006 Stormwater	Unnamed Tributary of Kickapoo Creek
007 Stormwater	Unnamed Tributary of Kickapoo Creek
008 Stormwater	Unnamed Tributary of Kickapoo Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:JAR:13061801.jar

NPDES Permit No. IL0064777

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfalls: 002, 004, 006, and 008 Stormwater (Intermittent Discharge)

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Flow (MGD)					Daily	

See Special Condition 1.

NPDES Permit No. IL0064777

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall: 007 Stormwater (Intermittent Discharge)

	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM	SAMPLE FREQUENCY	SAMPLE TYPE
Flow (MGD)					Daily	
Lead				0.489	1/Month	Grab
Mercury				0.0022	1/Month	Grab

See Special Condition 1.

Special Conditions

SPECIAL CONDITION 1.

A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

1. General storm water pollution prevention plan requirements applicable to both landfill activities and landfill construction activities are as follows:

   a. The stormwater pollution prevention plan (SWPPP) developed for previous permits shall be maintained and if necessary amended by the permittee.

   b. The owner or operator of a landfill with storm water discharges covered by this permit shall make a copy of the plan available to the Agency at any reasonable time upon request. A copy of the plan shall be maintained at the landfill for which storm water discharges are covered by this permit.

   c. The permittee may be notified in writing by the Agency, at any time, that the plan does not meet the requirements of this permit. After such notification, the permittee shall make changes to the plan and shall submit a written certification that the requested changes have been made. Unless otherwise provided, the permittee shall have 30 days after such notification to make the changes.

   d. The discharger shall amend the plan whenever there is a change in construction, operation, or maintenance which affects the discharge quantity of pollutants to waters of the State or if a facility inspection required by paragraph A.1.f. of this Special Condition indicates that an amendment is needed. The plan should also be amended if the discharger is in violation of any conditions of this permit, or has not achieved the general objectives of controlling pollutants in storm water discharges. Amendments to the plan shall be made within the shortest reasonable period of time, and shall be provided to the Agency for review upon request.

      In addition to the above requirements, the plan shall be amended if sludge or bioremediated soils are utilized as daily, intermediate or final cover, if spray-on erosion or dust control/daily cover products are utilized, if pond water is utilized for dust control or other means or if additives are utilized to enhance effluent quality. Stormwater runoff from areas where sludge or bioremediated soils are utilized or stockpiled shall be diverted to detention basins when ever possible. Daily cover or approved alternate daily cover shall be utilized on sludge or bioremediated soils to prevent excessive wash out of the solids. Pond water utilized for dust suppression or other means shall be restricted in quantities, locations and time periods to prevent runoff, wash off due to precipitation or tracking on tires due to mud formation. Spray on products or effluent enhancing additives shall be reviewed and approved prior to use. Information that should be provided with a request for approval of effluent enhancing additives shall include but not be limited to the following:

      1. MSDS sheets
      2. List of active and inactive ingredients
      3. Expected dosage rate
      4. Expected concentration in the discharge

      Information to be provided with a request for approval of spray on products shall include but not be limited to the following;

      1. MSDS sheets if available
      2. List of compounds comprising the product, especially biocides, and amounts of each compound
      3. Area utilized, drainage area tributary outfall and method of application
      4. Information, if available, regarding degradation rates
      5. Expect stormwater runoff quality

   e. Non-Storm Water Discharges - The plan shall include a certification that the discharge has been tested or evaluated for the presence of non-storm water discharges. The certification shall include a description of any tests for the presence of non-storm water discharges, the methods used, the dates of the testing, and any on-site drainage points that were observed during the testing. Any facility that is unable to provide this certification must describe the procedure of any test conducted for the presence of non-storm water discharges, the test results, potential sources of non-storm water discharges to the storm sewer, and why adequate tests for such storm sewers were not feasible. Non-stormwater discharges shall include but not be limited to those discharges identified as categorical discharges under 40 CFR 445 Landfills Point Source Category.

   f. The permittee shall conduct facility inspections to verify that all elements of the plan, including the site map, potential pollutant sources, and structural and non-structural controls to reduce pollutants in landfill storm water discharges are accurate. Inspections shall be conducted quarterly during or shortly after a significant rain event, but no less than annually if no such significant rain event occurs. Observations that require a response and the appropriate response to the observation shall be retained as part of the plan. Records documenting observations made during the site inspection shall be submitted to the Agency in accordance with the reporting requirements of this permit.

g. The plan should briefly describe the appropriate elements of other program requirements, including Spill Prevention Control and Countermeasures (SPCC) plans required under Section 311 of the CWA and the regulations promulgated thereunder, and Best Management Programs under 40 CFR 125.100.

h. The plan is considered a report that shall be available to the public under Section 308(b) of the CWA. The permittee may claim portions of the plan as confidential business information, including any portion describing facility security measures.

i. The plan shall include the signature and title of the person responsible for preparation of the plan and include the date of initial preparation and each amendment thereto.

2. The storm water pollution prevention plan for landfill construction activities shall include the following items:

a. **Site Description.** Each plan shall, provide a description of the following:

i. A description of the nature of the construction activity;

ii. A description of the intended sequence of major activities which disturb soils for major portions of the site (e.g. grubbing, excavation, grading);

iii. Estimates of the total area of the site and the total area of the site that is expected to be disturbed by excavation, grading, or other activities;

iv. An estimate of the runoff coefficient of the site after construction activities are completed and existing data describing the soil or the quality of any discharge from the site;

v. A site map indicating drainage patterns and approximate slopes anticipated before and after major grading activities, area of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands), and locations where storm water is discharged to a surface water; and

vi. The name of the receiving water(s) and the ultimate receiving water(s), and aerial extent of wetland acreage at the site.

b. **Controls.** Each plan shall include a description of appropriate controls that will be implemented at the construction site. The plan will clearly describe for each major activity identified, appropriate controls and the timing during the construction process that the controls will be implemented. (For example, perimeter controls for one portion of the site will be installed after the clearing and grubbing necessary for installation of the measure, but before the clearing and grubbing for the remaining portions of the site. Perimeter controls will be actively maintained until final stabilization of those portions of the site upward of the perimeter control. Temporary perimeter controls will be removed after final stabilization). The description of controls shall address as appropriate the following minimum components:

i. **Erosion and Sediment Controls.**

(A). **Stabilization Practices.** A description of interim and permanent stabilization practices, including site-specific scheduling of the implementation of the practices. Site plans should ensure that existing vegetation is preserved where attainable and that disturbed portions of the site are stabilized. Stabilization practices may include: temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures that might be found in the "Illinois Urban Manual" dated 2012. A record of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be included in the plan. Except as provided in paragraphs A.2.b.i.(A).(1). and A.2.b.ii., stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased.

(1). Where the initiation of stabilization measures by the 14th day after construction activity temporary or permanently cease is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.

(2). Where construction activity will resume on a portion of the site within 21 days from when activities ceased, (e.g. the total time period that construction activity is temporarily ceased is less than 21 days) then stabilization measures do not have to be initiated on that portion of site by the 14th day after construction activity temporarily ceased.

(B). **Structural Practices.** A description of structural practices to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. Structural practices should be placed on upland soils to the degree

attainable. The installation of these devices may be subject to Section 404 of the CWA.

ii. **Storm Water Management.** A description of measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. Structural measures should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 of the CWA. This permit only addresses the installation of storm water management measures, and not the ultimate operation and maintenance of such structures after the construction activities have been completed and the site has undergone final stabilization. Permittees are responsible for only the installation and maintenance of storm water management measures prior to final stabilization of the site, and are not responsible for maintenance after storm water discharges associated with landfill construction have been eliminated from the site.

(A). Such practices may include: storm water detention structures (including wet ponds); storm water retention structures; flow attenuation by use of open vegetated swales and natural depressions; infiltration of runoff on-site; and sequential systems (which combine several practices). The pollution prevention plan shall include an explanation of the technical basis used to select the practices to control pollution where flows exceed predevelopment levels.

(B). Velocity dissipation devices shall be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g. maintenance of hydrologic conditions, such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

iii. **Other Controls.**

(A). **Waste Disposal.** No solid materials, including building materials, shall be discharged to Waters of the State, except as authorized by a Section 404 permit.

(B). The plan shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.

iv. **Approved State or Local Plans.** The management practices, controls and other provisions contained in the storm water pollution prevention plan must be at least as protective as the requirements contained in the "Illinois Urban Manual" dated 2012. Facilities which discharge storm water associated with construction site activities must include in their storm water pollution prevention plan any applicable local requirements. Storm water management requirements approved by local officials that are applicable to protecting surface water resources are incorporated by reference and are enforceable under this permit even if they are not specifically included in a storm water pollution prevention plan required under this permit. This provision does not apply to provisions of master plans, comprehensive plans, non-enforceable guidelines or technical guidance documents that are not identified in a specific plan or permit that is issued for the construction site.

c. **Maintenance.** A description of procedures to maintain in good and effective operating conditions vegetation, erosion and sediment control measures and other protective measures identified in the site plan.

3. The storm water pollution prevention plan for new and existing storm water discharges associated with active or inactive landfill or open dumps and any on-site ancillary activities that receive or have received any industrial wastes shall include the following items:

a. The plan shall provide a description of potential sources which may be expected to add significant quantities of pollutants to storm water discharges, or which may result in non-storm water discharges from the facility. The plan shall include, at a minimum, the following items:

i. A topographic map extending one-quarter mile beyond the property boundaries of the facility, showing: the facility, surface water bodies, wells (including injection wells), seepage pits, infiltration ponds, and the discharge points where the facility's storm water discharges to surface waters. The requirements listed in this paragraph may be included on the site map if appropriate.

ii. A site map showing:

(A). The storm water conveyance and discharge structures;

(B). An outline of the storm water drainage areas for each storm water discharge point;

(C). Paved areas and buildings;

(D). Areas used for outdoor storage, or disposal of significant materials, including activities that generate significant quantities of dust or particulates;

(E). Location of existing storm water structural control measures (dikes, coverings, detention facilities, etc.);

(F). Surface water locations;

(G). Areas of existing and potential soil erosion;

(H). Vehicle service and traffic areas;

(I). Material loading, unloading, and access areas;

(J). Areas that have daily cover, intermediate final cover and final vegetative cover of the landfill;

(K). Areas that are considered ancillary operations of a landfill.

iii A narrative description of the following:

(A). The nature of the landfill activities conducted at the site, including a description of significant materials that are treated, stored or disposed of in a manner to allow exposure to storm water;

(B). Materials, equipment, and vehicle management practices employed to minimize contact of significant materials with storm water discharges;

(C). Existing structural and non-structural control measures to reduce pollutants in storm water discharges;

(D). Landfill storm water discharge treatment facilities;

(E). Methods of on-site storage and disposal of significant materials.

iv. A list of the types of pollutants found present by required testing, either by this permit or application requirements.

v. An estimate of the size of the facility in acres or square feet, and the percent of the facility that has impervious areas such as pavement or buildings.

vi. A summary of existing sampling data describing pollutants in storm water discharges from the landfill or ancillary activities.

b. The plan shall describe the storm water management controls which will be implemented by the facility. The appropriate controls shall reflect identified existing and potential sources of pollutants at the facility. The description of the storm water management controls shall include:

i. Storm Water Pollution Prevention Personnel - Identification by job titles of the individuals who are responsible for developing, implementing, and revising the plan.

ii. Preventive Maintenance - Procedures for inspection and maintenance of storm water conveyance system and devices such as oil/water separators, catch basins, etc., and inspection and testing of plant equipment and systems that could fail and result in discharges of pollutants to storm water.

iii. Good Housekeeping - Good housekeeping requires the maintenance of clean, orderly facility areas that discharge storm water. Material or handling areas shall be inspected and cleaned to reduce the potential for pollutants to enter the storm water conveyance system.

iv. Spill Prevention and Response - Identification of areas where significant materials can spill into or otherwise enter the storm water conveyance systems and their accompanying drainage points. Specific material handling procedures, storage requirements, spill clean up equipment and procedures should be identified, as appropriate. Internal notification procedures for spills of significant materials should be established.

v. Storm Water Management Practices - Storm water management practices are practices other than those which control the source of pollutants. They include measures such as installing oil and grit separators, diverting storm water into retention basins, etc. Based on assessment of the potential of various sources to contribute pollutants, measures to remove pollutants from storm water discharge shall be implemented. In developing the plan, the following management practices shall be considered:

(A). Containment - Storage within berms or other secondary containment devices to prevent leaks and spills from entering storm water runoff;

(B). Oil & Grease Separation - Oil/water separators, booms, skimmers or other methods to minimize oil contaminated storm water discharges;

(C). Debris & Sediment Control - Screens, booms, sediment ponds or other methods to reduce debris and sediment in storm water discharges;

(D). Waste Chemical Disposal - Waste chemicals such as antifreeze, degreasers and used oils shall be recycled or disposed of in an approved manner and in a way which prevents them from entering storm water discharges;

(E). Storm Water Diversion - Storm water diversion away from storage and other areas of potential storm water contamination;

(F). Covered Storage - Covered fueling operations and storage areas to prevent contact with storm water.

vi. Sediment and Erosion Prevention - The plan shall identify areas which due to topography, activities, or other factors, have a high potential for significant soil erosion and describe measures to limit erosion.

vii. Employee Training - Employee training programs shall inform personnel at all levels of responsibility of the components and goals of the storm water pollution control plan. Training should address topics such as spill response, good housekeeping and material management practices. The plan shall identify periodic dates for such training.

viii. Inspection Procedures - Qualified plant personnel shall be identified and inspect designated equipment and landfill areas. A tracking or follow-up procedure shall be used to ensure appropriate response has been taken in response to an inspection. Inspections and maintenance activities shall be documented and recorded with copies of the records maintained at the site of the permitted landfill.

B. CONSTRUCTION AUTHORIZATION

Authorization is hereby granted to construct treatment works and related equipment that may be required by the Storm Water Pollution Prevention Plan developed pursuant to this permit.

This Authorization is issued subject to the following condition(s).

1. If any statement or representation is found to be incorrect, this authorization may be revoked and the permittee thereupon waives all rights thereunder.

2. The issuance of this authorization (a) does not release the permittee from any liability for damage to persons or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (b) does not take into consideration the structural stability of any units or part of this project; and (c) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or other applicable local law, regulations or ordinances.

3. Plans and specifications of all treatment equipment being included as a part of the storm water management practice shall be included in the SWPPP.

4. Any modification of or deviation from the plans and specifications included in the site's current SWPPP requires amendment of the SWPPP.

C. REPORTING

1. The facility shall submit a quarterly inspection report to the Illinois Environmental Protection Agency. The report shall include results of the facility inspections which are required by A.1.f. of this permit. The reports shall also include documentation of any event (spill, treatment unit malfunction, etc.) which would require an inspection, results of the inspection, and any subsequent corrective maintenance activity. The report shall be completed and signed by the authorized facility employee(s) who conducted the inspection(s).

2. All reports shall contain information gathered during the previous quarter beginning with the effective date of this permit and shall be submitted no later than 30 days after each quarter with each subsequent report containing the previous quarter's information.

Special Conditions

3. Quarterly inspection reports shall be submitted to the following email and office addresses: epa.npdes.inspection@illinois.gov:

   Illinois Environmental Protection Agency
   Bureau of Water
   Compliance Assurance Section, Mail Code #19
   Quarterly Report
   1021 North Grand Avenue East
   P.O. Box 19276
   Springfield, Illinois 62794-9276

4. If the facility performs inspections more frequently than required by this permit, the results shall be included as additional information in the quarterly report.

D. DEFINITIONS

1. Non-contaminated stormwater means stormwater which does not come in direct contact with landfill wastes, the waste handling and treatment areas, or landfill wastewater. Non-contaminated stormwater includes stormwater which flows off the cap, cover, intermediate cover, daily cover, and/or final cover of the landfill.

2. Landfill wastewater means all wastewater associated with, or produced by, landfilling activities except for sanitary wastewater, non-contaminated storm water, contaminated ground water, and wastewater from recovery pumping wells. Landfill wastewater includes, but is not limited to, leachate, gas collection condensate, drained free liquids, laboratory derived wastewater, contaminated storm water and contact washwater from washing truck, equipment, and railcar exteriors and surface areas which have come in direct contact with solid waste at the landfill facility.

3. Land application unit means an area where wastes are applied onto or incorporated into the soil surface (excluding manure spreading operations) for treatment or disposal.

4. Landfill means an area of land or an excavation in which wastes are placed for permanent disposal, and which is not a land application unit, surface impoundment, injection well or waste pile.

5. Section 313 water priority chemical means a chemical or chemical categories which: 1) Are listed at 40 CFR 372.65 pursuant to Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) (also known as Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1987); 2) are present at or above threshold levels at a facility subject to EPCRA Section 313 reporting requirements; and 3) that meet at least one of the following criteria: (I) Are listed in Appendix D of 40 CFR 122 on either Table II (organic priority pollutants), Table III (certain metals, cyanides, and phenols) or Table V (certain toxic pollutants and hazardous substances); (ii) are listed as a hazardous substance pursuant to Section 311(b)(2)(A) of the CWA at 40 CFR 116.4; or (iii) are pollutants for which EPA has published acute or chronic water quality criteria.

6. Significant materials includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of CERCLA; any chemical the facility is required to report pursuant to EPCRA Section 313; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges.

7. Significant spills includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (see 40 CFR 110.10 and CFR 117.21) or Section 102 of CERCLA (see 40 CFR 302.4).

8. Leachate means liquid containing materials removed from solid waste. For the purpose of this permit, storm water which falls onto areas of the landfill which have exposed waste or seeps shall be considered leachate.

9. Solid waste means a waste that is defined in this Section as an inert waste, as a putrescible waste, as a chemical waste or as a special waste, and which is not also defined as a hazardous waste pursuant to 35 Ill. Adm. Code 721.

10. Chemical waste means a non-putrescible solid whose characteristics are such that any contaminated leachate is expected to be formed through chemical or physical processes, rather than biological processes, and no gas is expected to be formed as a result.

11. Inert waste means any solid waste that will not decompose biologically, burn, serve as food for vectors, form a gas, cause an odor, or form a contaminated leachate, as determined in accordance with Section 811.202(b). Such inert wastes shall include only non-biodegradable and non-putrescible solid wastes. Inert wastes may include, but are not limited to, bricks, masonry and concrete (cured for 60 days or more).

12. Putrescible waste means a solid waste that contains organic matter capable of being decomposed by microorganisms so as to cause a malodor, gases, or other offensive conditions, or which is capable of providing food for birds and other vectors. Putrescible wastes may form a contaminated leachate from microbiological degradation, chemical processes, and physical processes. Putrescible

waste includes, but is not limited to, garbage, offal, dead animals, general household waste, and commercial waste. All solid wastes which do not meet the definitions of inert or chemical wastes shall be considered putrescible wastes.

13. Special waste means any industrial process waste, pollution control waste or hazardous waste, except as determined pursuant to Section 22.9 of the Act and 35 Ill. Adm. Code 808.

14. Daily cover described in 35 Ill. Adm. Code 811.106.

15. Intermediate cover described in 35 Ill. Adm. Code 811.313.

16. Final cover described in 35 Ill. Adm. Code 811.314 or other approved cover systems.

17. Ancillary activities means any equipment, structures and other devices that are necessary for proper operation of the landfill in accordance with the requirements of the Environmental Protection Act (current edition).

18. Industrial wastes means waste that is received from any of the facilities described in 40 CFR 122.26(b)(14).

19. Significant rain event means any rainfall event or equivalent snowfall which is 0.1 inches or greater and occurs, at a minimum, 72 hours from the previously measurable (greater than 0.1 inch rainfall or equivalent snow melt) storm event.

Note that additional definitions are included in the permit Standard Conditions, Attachment H.

E. SAMPLE REQUIREMENTS

The permittee shall initiate a quarterly monitoring program of stormwater or snowmelt discharges associated with active or inactive landfills and any on-site ancillary activities. Samples shall be collected from the discharge resulting from a rainfall event that is greater than 0.1 inches in magnitude or equivalent snow melt and occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall or equivalent snow melt) storm event. Storm water discharges resulting from strictly landfill construction activities, areas of the landfill under construction that have not received waste, shall not be required to perform monitoring.

For discharges from holding ponds or other impoundments with a retention period greater than 24 hours, a minimum of one grab sample may be taken and analyzed. For all other discharges, a grab sample shall be taken during the first thirty minutes of the discharge and a minimum of three sample aliquots taken in each hour of the discharge for the entire discharge or the first three hours of the discharge, with each aliquot being separated by a minimum period of fifteen minutes. The grab sample taken during the initial thirty minutes of discharge shall be analyzed separately and the remaining sample aliquots may be combined to form a single sample for analysis.

The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, http://www.epa.state.il.us/water/edmr/index.html.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

The permittee shall sample stormwater discharges for the following:

Ammonia (as N)
Arsenic
Barium
BOD_5
Lead
Manganese
Mercury
Nickel

Special Conditions

Boron
Cadmium
Chloride
Chromium (Hexavalent)
Chromium (Trivalent)
Copper
Fluoride
Oil & Grease
Hardness
Iron (dissolved)
Dioxin
PAH's
pH
Phenols
Sulfate
Iron (Total)
Total Dissolved Solids
Temperature
TOC
TSS
Zinc
Polychlorinated Biphenyls (PCB's)
Furan

Monitoring requirements for oil and grease, pH and temperature shall only be performed on the initial grab sample.

In addition to the sample requirements, the permittee shall make a reasonable attempt to measure the flow of the stormwater discharge from each outfall and the storm duration and total precipitation quantity causing the stormwater discharge on a daily basis and report results as a monthly average and daily maximum value in units of Million Gallons per Day (MGD) on the monthly DMR forms.

Unless otherwise indicated, concentrations refer to the total amount of the constituent present in all phases, whether solid, suspended or dissolved, elemental or combined, including all oxidation states. Where constituents are commonly measured as other than total, the word "total" is inserted for clarity.

The analyses for the above parameters shall meet the detection limits as established for accepted test procedures listed in 40 CFR 136. Mercury shall be monitored using USEPA Method 1631.

Quarterly sample results shall be submitted with the January, April, July and October DMR's.

SPECIAL CONDITION 2. For the purpose of this permit outfalls 002, 004, 006, 007, and 008 are limited to stormwater, free from leachate and other wastewater discharges.

SPECIAL CONDITION 3. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 4. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 5. The issuance of this permit, construction authorizations or other approvals, does not relieve the permittee of the responsibilities of complying with the provisions required by the Bureau of Land.

SPECIAL CONDITION 6. The permittee shall request modification of this permit in accordance with attachment H prior to utilizing biosolids or bioremediated soils as final protective cover, final cover, intermediate cover or daily cover.

Attachment H

Standard Conditions

Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended. 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24-Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8-Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

(1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirements.

(2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.

(3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

(5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

(6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62 and 40 CFR 122.63. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

(7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege. 000159

(8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.

(9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency or USEPA (including an authorized contractor acting as a representative of the Agency or USEPA), upon the presentation of credentials and other documents as may be required by law, to:

(a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

(d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.

(10) **Monitoring and records.**

(a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

(b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. Records related to the permittee's sewage sludge use and disposal activities shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503). This period may be extended by request of the Agency or USEPA at any time.

(c) Records of monitoring information shall include:

(1) The date, exact place, and time of sampling or measurements;

(2) The individual(s) who performed the sampling or measurements;

(3) The date(s) analyses were performed;

(4) The individual(s) who performed the analyses;

(5) The analytical techniques or methods used; and

(6) The results of such analyses.

(d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

(11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.

(a) **Application.** All permit applications shall be signed as follows:

(1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation:

(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

(3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.

(b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:

(1) The authorization is made in writing by a person described in paragraph (a); and

(2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and

(3) The written authorization is submitted to the Agency.

(c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.

(d) **Certification.** Any person signing a document under paragraph (a) or (b) of this section shall make the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

(12) **Reporting requirements.**

(a) **Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
Notice is required when:

(1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source pursuant to 40 CFR 122.29 (b); or

(2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements pursuant to 40 CFR 122.42 (a)(1).

(3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.

(b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

(c) **Transfers.** This permit is not transferable to any person except after notice to the Agency.

(d) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(e) **Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.

(1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).

(2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

(3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.

(f) **Twenty-four hour reporting**. The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24-hours:

(1) Any unanticipated bypass which exceeds any effluent limitation in the permit.

(2) Any upset which exceeds any effluent limitation in the permit.

(3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit or any pollutant which may endanger health or the environment.

The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24-hours.

(g) **Other noncompliance**. The permittee shall report all instances of noncompliance not reported under paragraphs (12) (d), (e), or (f), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12) (f).

(h) **Other information**. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.

(13) **Bypass**.

(a) Definitions.

(1) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.

(2) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

(b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (13)(c) and (13)(d).

(c) Notice.

(1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.

(2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in paragraph (12)(f) (24-hour notice).

(d) Prohibition of bypass.

(1) Bypass is prohibited, and the Agency may take enforcement action against a permittee for bypass, unless:

(i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

(iii) The permittee submitted notices as required under paragraph (13)(c).

(2) The Agency may approve an anticipated bypass, after considering its adverse effects, if the Agency determines that it will meet the three conditions listed above in paragraph (13)(d)(1).

(14) **Upset**.

(a) Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

(b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (14)(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

(c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An upset occurred and that the permittee can identify the cause(s) of the upset;

(2) The permitted facility was at the time being properly operated; and

(3) The permittee submitted notice of the upset as required in paragraph (12)(f)(2) (24-hour notice).

(4) The permittee complied with any remedial measures required under paragraph (4).

(d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

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(15) **Transfer of permits.** Permits may be transferred by modification or automatic transfer as described below:

(a) Transfers by modification. Except as provided in paragraph (b), a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued pursuant to 40 CFR 122.62 (b) (2), or a minor modification made pursuant to 40 CFR 122.63 (d), to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

(b) Automatic transfers. As an alternative to transfers under paragraph (a), any NPDES permit may be automatically

transferred to a new permittee if:

(1) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;

(2) The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage and liability between the existing and new permittees; and

(3) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.

(16) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:

(a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:

(1) One hundred micrograms per liter (100 ug/l);

(2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.

(3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or

(4) The level established by the Agency in this permit.

(b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.

(17) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:

(a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and

(b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.

(c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

(18) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:

(a) User charges pursuant to Section 204 (b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;

(b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and

(c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.

(19) If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.

(20) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.

(21) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.

(22) The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than one year, or both. Additional penalties for violating these sections of the Clean Water Act are identified in 40 CFR 122.41 (a)(2) and (3).

(23) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than $20,000 per day of violation, or by imprisonment of not more than 4 years, or both.

(24) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

(25) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.

(26) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.

(27) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board or any court with jurisdiction.

(28) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.

CERTIFICATE OF SERVICE

I, THOMAS H. SHEPHERD, do certify that I filed with the Office of the Clerk of the Illinois Pollution Control Board the attached Notice of Filing, Administrative Record, and Motion for Leave to File Reduced Number of Copies of Record, and caused them to be served this 18th day of November 15, 2013, upon the persons listed on the attached Service List by depositing true and correct copies of same in an envelope, postage prepaid, with the United States Postal Service at 69 West Washington Street, Chicago, Illinois.

THOMAS H. SHEPHERD