

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IMTT ILLINOIS, LLC)
)
Petitioner,)
)
v.) PCB NO.: 2020-047
)
ILLINOIS ENVIRONMENTAL)
PROTECTION AGENCY)
)
Respondent.)

NOTICE OF FILING

To: David L. Rieser
K&L Gates LLC
70 W. Madison Street, Suite 3100
Chicago, IL 60602
David.Rieser@klgates.com

Don Brown
Clerk of the Illinois Pollution Control Board
100 W. Randolph Street, Suite 11-500
Chicago, IL 60602
don.brown@illinois.gov

PLEASE TAKE NOTICE THAT on Wednesday, May 20, 2020, I caused to be filed with the Clerk of the Illinois Pollution Control Board, the Record on Appeal (R1-265), the Index of the Record on Appeal, and the Certificate of Record on Appeal Pursuant to 35 Ill. Adm. Code 105.116 and 105.212, on behalf of the Illinois Environmental Protection Agency, Respondent, via the "COOL" System, true and correct copies are attached and hereby served upon you.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,

By:/s/ Ellen F. O'Laughlin
Ellen F. O'Laughlin
Office of the Illinois Attorney General
69 W. Washington Street, 18th Floor
Chicago, IL 60602
(312) 814-3094
elaughlin@atg.state.il.us
MCacaccio@atg.state.il.us

CERTIFICATE OF SERVICE

I, Ellen F. O'Laughlin, an Assistant Attorney General, hereby certify that on this 20th day of May, 2020, I served the foregoing Notice of Filing, Record on Appeal, Index of Record on Appeal and Certificate of Record on Appeal to persons listed on the Notice of Filing via email.

/s/ Ellen O'Laughlin

Ellen O'Laughlin

Office of the Illinois Attorney General

69 W. Washington Street, 18th Floor

Chicago, IL 60602

(312) 814-3094

eolaughlin@atg.state.il.us

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IMTT ILLINOIS, LLC)	
Petitioner,)	PCB 20-47
)	(Permit Appeal)
v.)	
)	
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
Respondent.)	

CERTIFICATE OF RECORD ON APPEAL

I, Shu-Mei Tsai, of the Illinois Environmental Protection Agency hereby certify that the Record on Appeal filed in the above-referenced matter and summarized in the attached Index of the Record on Appeal Pursuant to 35 Ill. Adm. Code 105.116 and 105.212 (the "Index"), is true and complete to the best of my knowledge, information and belief.



Shu-Mei Tsai
Environmental Engineer III
Illinois Environmental Protection Agency

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IMTT ILLINOIS, LLC)	
Petitioner,)	PCB 20-47
)	(Permit Appeal)
v.)	
)	
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
Respondent.)	

RECORD ON APPEAL

Respondent, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ("Illinois EPA"), in accordance with the procedural rules of the Illinois Pollution Control Board as set forth in 35 Ill. Adm. Code 105.212 and 105.116, files as its Record in this cause the Illinois EPA's record of National Pollutant Discharge System ("NPDES") Permit number IL0005126, issued to IMTT Illinois LLC ("IMTT") on December 13, 2019, which is attached and consists of the following documents:

1. Application for Industrial Wastewater NPDES Permit dated October 2, 2018, submitted by Larry Newton, Environmental Manager, IMTT (pp. R1 – R51).
2. Illinois EPA memorandum dated October 10, 2018, from Shu-Mei Tsai, Division of Water Pollution Control ("DWPC"), Permit Section, to Scott Twait, DWPC Standards Unit (p. R52).
3. Effluent concentration data (pp. R53 – R116).
4. Ammonia worksheet, April 3, 2019 (p. R117).
5. Emails on May 30 and 31, 2019, between Shu-Mei Tsai and Abby Brokaw, DWPC Standards Unit (pp. R118 - R120).
6. Vinyl chloride toxicity criteria (pp. R121 – R123).
7. Illinois EPA memorandum dated July 11, 2019, from Scott Twait to Shu-Mei Tsai (pp. R124 – 127).

Electronic Filing: Received, Clerk's Office 05/20/2020

8. Email on July 15, 2019, from Scott Twait to Shu-Mei Tsai (p. R128).
9. Emails on July 23, 2019, between Michelle Rousey, Quality Assurance Officer, Bureau of Water, and Shu-Mei Tsai (pp. R129 - R130).
10. Industrial NPDES Permit review notes, prepared by Shu-Mei Tsai. (pp. R131 – R140).
11. Illinois EPA memorandum and letters dated July 25, 2019, from Darin LeCrone, DWPC, Manager, Industrial Unit, to Manager, DWPC/Field Operations Section (“FOS”), Department of the Army Corps of Engineers, Chicago District; and IMTT, with attached draft permit and 15-day public notice/fact sheet (pp. R141 – R167).
12. Letter dated July 31, 2019, from Larry Newton to Illinois Public Notice Clerk, objecting to terms of draft permit (p. R168).
13. 15-day notice review notes dated August 16, 2019, prepared by Shu-Mei Tsai (p. R169).
14. Letters dated August 20, 2019, from Darin LeCrone to Municipal Clerk, Lemont, Illinois; Edward Karecki, U.S. Fish and Wildlife Service, Chicago Field Office; and IMTT, with attached draft permit and 30-day public notice/fact sheet (pp. R170 – R191).
15. Public Notice acknowledgment post card, signed August 26, 2019 (p. R192).
16. 30-day notice review notes dated September 24, 2019, prepared by Shu-Mei Tsai (p. R193).
17. 30-day notice review notes dated September 24, 2019, prepared by Shu-Mei Tsai (pp. R194 – 195).
18. Letter dated October 3, 2019, from Larry Newton to Darin LeCrone, objecting to terms of the draft permit (pp. R196 – R198).
19. Emails on September 24, 25 and 26, and October 3, 2019, between Larry Newton and Shu-Mei-Tsai, with attached October 3, 2019 letter from Larry Newton to Darin LeCrone (pp. R199 – R204).
20. Emails on October 11, 2019, between Scott Twait and Shu-Mei Tsai, who forwarded the attached September 24, 25 and 26, and October 3, 2019 email chain (pp. R205 – R208).
21. Letters dated October 25, 2019, from Darin LeCrone to Municipal Clerk, Lemont, Illinois; Edward Karecki, U.S. Fish and Wildlife Service, Chicago Field Office; and IMTT, with attached draft permit and (re-issued) 30-day public notice/fact sheet (pp. R209 – R235).
22. Public Notice acknowledgment post card, signed November 5, 2019 (p. R236).

23. Emails on October 29, 2019, between Larry Newton and Shu-Mei Tsai (pp. R237 – R240).
24. Letter dated November 6, 2019, from Larry Newton to Darin LeCrone (pp. R241 – R243).
25. Emails on November 18 and 22 and December 12, 2019, from Ellen Paller, IMTT, to Shu-Mei Tsai (pp. R244 – 245).
26. 30-day notice review notes dated December 2, 2019, prepared by Shu-Mei Tsai (p. R246).
27. Letter dated December 13, 2019, from Darin LeCrone to IMTT, with attached NPDES Permit No. IL0005126, effective January 1, 2020. (pp. R247 – R265).

Respectfully submitted,

KWAME RAOUL,
Attorney General of the State of Illinois,

MATTHEW J. DUNN, Chief
Environmental Enforcement/Asbestos
Litigation Division

By: /s/Ellen F. O'Laughlin
Ellen F. O'Laughlin
Assistant Attorney General
Environmental Bureau
69 W. Washington St., 18th Floor
Chicago, IL 60602
(312) 814-3094
eolaughlin@atg.state.il.us

Dated: May 20, 2020

THIS FILING PRINTED ON RECYCLED PAPER

IMTT-Illinois

A PARTNERSHIP

Lemont Facility
13589 Main Street Lemont, IL 60439
Phone (630) 257-6222 Fax (630) 257-7135

Joliet Facility
24420 W. Durkee Road Channahon, IL 60410
Phone (815) 423-2500 Fax (815) 423-2525

October 2, 2018

Mr. Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, IL 62702

RECEIVED
OCT 03 2018

IEPA
BOW/MPC/PERMIT SECTION

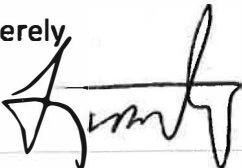
Re: IMTT Illinois – Lemont Terminal
NPDES Permit No. IL0005126
Permit Renewal

Dear Mr. Keller:

Enclosed please find the renewal application for the above referenced NPDES permit for IMTT Illinois Lemont Terminal.

Should you have any questions or require any additional information, please feel free to contact me by phone at 630-257-3960 or via email at larrynewton@imtt.com.

Sincerely,



Larry Newton
Environmental Manager

Enclosures Form 1, General Information
 Form 2c, Application for Permit to Discharge
 Form 2e, Facilities that do not Discharge Process Water
 Form 2f, Application for Permit to Discharge – Industrial Activities
 Exhibit 1 – Drainage Map
 Exhibit 2 – Flow Map, Outfall -001
 Exhibit 3 – Proximity Map
 Appendices A-E, stormwater sampling results

Executive Office

321 St. Charles Avenue, New Orleans, LA 70130 (U.S.A.)
Phone (504) 586-8300 Fax (504) 525-9537

Please print or type in the unshaded areas only.

Form Approved. OMB No. 2040-0086.

FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program <i>(Read the "General Instructions" before starting.)</i>			I. EPA I.D. NUMBER IL0005126				
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, use 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), 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 PERMITS SECTION 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		Mark "X" YES NO FORM ATTACHED			SPECIFIC QUESTIONS		Mark "X" 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)		16 17 18 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>			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)		19 20 21 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
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)		22 23 24 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>			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)		25 26 27 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		28 29 30 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>			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)		31 32 33 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
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)		34 35 36 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>			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)		37 38 39 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
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)		40 41 42 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>			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)		43 44 45 <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
III. NAME OF FACILITY									
1 SKIP IMTT ILLINOIS LLC - Lemont Facility									
IV. FACILITY CONTACT									
A. NAME & TITLE (last, first, & title)					B. PHONE (area code & no.)				
2 Larry Newton, Environmental Manager (630) 257-3960									
V. FACILITY MAILING ADDRESS									
A. STREET OR P.O. BOX									
3 13589 Main Street									
B. CITY OR TOWN					C. STATE		D. ZIP CODE		
4 Lemont IL 60439									
VI. FACILITY LOCATION									
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER									
5 13589 Main Street									
B. COUNTY NAME									
Cook and DuPage									
C. CITY OR TOWN					D. STATE		E. ZIP CODE		F. COUNTY CODE (if known)
6 LEMONT IL 60439									

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 CLERK'S OFFICE

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)			
A. FIRST		B. SECOND	
C	7	4	2226
(specify) Special Warehousing and Storage			
C. THIRD		D. FOURTH	
C	7	C	7
(specify)			

VIII. OPERATOR INFORMATION			
A. NAME			B. Is the name listed in Item VIII-A also the owner?
C	8	IMTT Illinois LLC	
			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box: if "Other," specify.)			D. PHONE (area code & no.)
F = FEDERAL	M = PUBLIC (other than federal or state)	P	(specify)
S = STATE	O = OTHER (specify)		
P = PRIVATE			
			A (630) 257-3960

E. STREET OR P.O. BOX	
13589 Main Street	

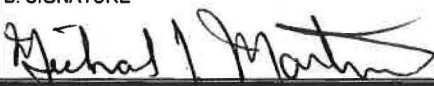
F. CITY OR TOWN	G. STATE	H. ZIP CODE	IX. INDIAN LAND
B Lemont	IL	60439	Is the facility located on Indian lands?
			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

X. EXISTING ENVIRONMENTAL PERMITS			
A. NPDES (Discharges to Surface Water)		D. PSD (Air Emissions from Proposed Sources)	
C	T	I	
9	N	IL0005126	
		C	T
		9	P
		FESOP 031806AAG	
B. UIC (Underground Injection of Fluids)		E. OTHER (specify)	
C	T	I	
9	U		(specify)
C. RCRA (Hazardous Wastes)		E. OTHER (specify)	
C	T	I	
9	R	ILD980823835	(specify)

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)
 IMTT Illinois - Lemont terminal is a specialty chemical bulk for-hire storage and distribution facility. The terminal provides for the storage of various finished or raw products for sale to industry ranging from lube stocks to quality solvents and chemicals. The facility has the capability of loading and unloading materials through its barge, rail, and truck stations.

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
Michael J. Martino, Facility Manger		10-2-18

COMMENTS FOR OFFICIAL USE ONLY
C
15 16

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OCT 03 2018

EPA I.D. NUMBER (copy from Item 1 of Form 1)
IL0005126

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

Please print or type in the unshaded areas only.

FORM 2C NPDES		U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS <i>Consolidated Permits Program</i>	EPA BOW/WPC/PERMIT SECTION
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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 <i>(list)</i>	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER <i>(name)</i>
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
001	41.00	41.00	36.59	87.00	57.00	10.87	Illinois and Michigan Canal
002	41.00	41.00	33.53	87.00	57.00	19.62	Illinois and Michigan Canal
003	41.00	41.00	36.24	87.00	56.00	37.66	Calumet Sag Channel
A01	41.00	41.00	39.59	87.00	57.00	7.93	Internal Outfall drains to 001
B01 and C01	41.00	41.00	27.87	87.00	57.00	8.06	Internal Outfalls drains to 001

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. <i>(list)</i>	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT	
	a. OPERATION <i>(list)</i>	b. AVERAGE FLOW <i>(include units)</i>	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1
001	Boiler Condensate	100 gpd	pH adjusted with acid,	2-K
	Water Softener	100 gpd	Hard water ion exchange	2-J
	Backflush (brine water)	1,000 gpd	Reverse Osmosis (Hyperfiltration)	1-S
	Fire Hose Hydro Test Water	140 gpd	Discharge to surface water (retention pond)	4-A
001	Stormwater Runoff	260 MM gal/year	Aerated, Settling Pond	3-B
	Tank Hydrostatic Test Water	Maximum 1 MM gal/hydro	Discharge to surface water (retention pond)	4-A
	Tank Steam Condensate	30 gpd	Discharge to surface water (retention pond)	4-A
	Safety Shower Test Water	10 gpd	Discharge to surface water (retention pond)	4-A
002	Storm Water Runoff (Receiving water I & M Canal)	not measured	Discharge to surface water (drainage ditch)	4-A
003	Storm Water Runoff (Receiving water Cal-Sag Channel)	not measured	Discharge to surface water (drainage ditch)	4-A
A01 and B01	Scale House Area Septic Tank System	1100 gpd	Aerated, Chlorinated, settling Tank	2-F 1-U
			Discharge to surface water (retention pond)	4-A 3-B
	Packaging Area Septic Tank System	650 gpd	Aerated, Chlorinated, Settling Tank	2-F 1-U
			Discharge to surface water (retention pond)	4-A 3-B
C01	Groundwater-Perc/DNAPL Remediation	3 gpd	Air Stripper	1-F
			Filtering Unit	3-H
			Carbon Absorption	2-A
			Discharge to surface water (retention pond)	4-A

OFFICIAL USE ONLY (effluent guidelines sub-categories)

CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal? <input type="checkbox"/> YES (complete the following table) <input checked="" type="checkbox"/> NO (go to Section III)								
1. OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				C. DURATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		B. TOTAL VOLUME (specify with units)		
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
III. PRODUCTION								
A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? <input type="checkbox"/> YES (complete Item III-B) <input checked="" type="checkbox"/> NO (go to Section IV)								
B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)? <input type="checkbox"/> YES (complete Item III-C) <input checked="" type="checkbox"/> NO (go to Section IV)								
C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.								
1. AVERAGE DAILY PRODUCTION						2. AFFECTED OUTFALLS (list outfall numbers)		
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)						
IV. IMPROVEMENTS								
A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operations 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. <input checked="" type="checkbox"/> YES (complete the following table) <input type="checkbox"/> NO (go to Item IV-B)								
1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE				
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED			
Site Remediation Program LPC# 0311625023	C01	Perchloroethylene contaminated ground water.	DNAPL Recovery/Groundwater Remediation		2025			
B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. <input type="checkbox"/> MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED								

EPA I.D. NUMBER (copy from Item 1 of Form 1)
 IL0005126

CONTINUED FROM PAGE 2

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided.
 NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
N/A			

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C 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 Item VI-B)

Empty space for listing pollutants and providing details for 'YES' responses.

CONTINUED FROM THE FRONT

VII. 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 (identify the test(s) and describe their purposes below)

NO (go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

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

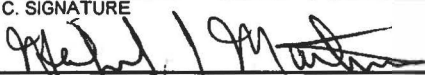
YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
First Environmental Laboratory	1600 Shore Road Naperville, IL 60563	(630) 728-1200	See Appendices A thru E

IX. 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) Michael J. Martino, Terminal Manager	B. PHONE NO. (area code & no.) (630) 257-3954
C. SIGNATURE 	D. DATE SIGNED 10-2-18

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)
IL0005126

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)	OUTFALL NO. 001
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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.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	9	N/A	9	N/A	3.5	N/A	12	mg/L	N/A	N/A	N/A	N/A
b. Chemical Oxygen Demand (COD)	23	N/A	23	N/A	23	N/A	1	mg/L	N/A	N/A	N/A	N/A
c. Total Organic Carbon (TOC)	3.1	N/A	3.1	N/A	3.1	N/A	1	mg/L	N/A	N/A	N/A	N/A
d. Total Suspended Solids (TSS)	44	N/A	44	N/A	16.32	N/A	12	mg/L	N/A	N/A	N/A	N/A
e. Ammonia (as N)	0.71	N/A	0.71	N/A	0.24	N/A	12	mg/L	N/A	N/A	N/A	N/A
f. Flow	VALUE 3.528		VALUE 3.41		VALUE 0.64		260	MGD	N/A	VALUE N/A		N/A
g. Temperature (winter)	VALUE 2		VALUE N/A		VALUE N/A		13	N/A °C		VALUE N/A		N/A
h. Temperature (summer)	VALUE 27		VALUE N/A		VALUE N/A		13	N/A °C		VALUE N/A		N/A
i. pH	MINIMUM 7.29	MAXIMUM 8.79	MINIMUM N/A	MAXIMUM N/A			52	STANDARD UNITS				

PART B — Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		0.2	N/A	0.2	N/A	0.2	N/A	52	mg/L	N/A	N/A	N/A	N/A
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X												

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS			5. INTAKE (optional)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X												
h. Oil and Grease	X		N/A	N/A	5	N/A	0.75	N/A	12	mg/L	N/A	N/A	N/A	N/A
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO ₄) (14808-79-8)		X												
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)	X		N/A	N/A	0.06	N/A	0.02	N/A	4	mg/L	N/A	N/A	N/A	N/A
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)	X		N/A	N/A	0.84	N/A	0.39	N/A	12	mg/L	N/A	N/A	N/A	N/A
t. Magnesium, Total (7439-95-4)		X												
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)		X												
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER:
IL0005126	001

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X		X												
2M. Arsenic, Total (7440-38-2)	X		X												
3M. Beryllium, Total (7440-41-7)	X		X												
4M. Cadmium, Total (7440-43-8)	X		X												
5M. Chromium, Total (7440-47-3)	X		X												
6M. Copper, Total (7440-50-8)	X	X		N/A	N/A	0.004	N/A	0.002	N/A	4	mg/L	N/A	N/A	N/A	N/A
7M. Lead, Total (7439-92-1)	X		X												
8M. Mercury, Total (7439-97-6)	X		X												
9M. Nickel, Total (7440-02-0)	X		X												
10M. Selenium, Total (7782-49-2)	X		X												
11M. Silver, Total (7440-22-4)	X		X												
12M. Thallium, Total (7440-28-0)	X		X												
13M. Zinc, Total (7440-66-6)	X	X		N/A	N/A	0.0227	N/A	0.0225	N/A	4	mg/L	N/A	N/A	N/A	N/A
14M. Cyanide, Total (57-12-5)	X		X												
15M. Phenols, Total	X		X												
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	X		X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X		X												
2V. Acrylonitrile (107-13-1)	X		X												
3V. Benzene (71-43-2)	X		X												
4V. Bis (Chloro- methyl) Ether (542-88-1)	X		X												
5V. Bromoform (75-25-2)	X		X												
6V. Carbon Tetrachloride (56-23-5)	X		X												
7V. Chlorobenzene (108-90-7)	X		X												
8V. Chlorodi- bromomethane (124-48-1)	X		X												
9V. Chloroethane (75-00-3)	X		X												
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X												
11V. Chloroform (67-66-3)	X		X												
12V. Dichloro- bromomethane (75-27-4)	X		X												
13V. Dichloro- difluoromethane (75-71-8)	X		X												
14V. 1,1-Dichloro- ethane (75-34-3)	X		X												
15V. 1,2-Dichloro- ethane (107-06-2)	X		X												
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X												
17V. 1,2-Dichloro- propane (78-87-5)	X		X												
18V. 1,3-Dichloro- propylene (542-75-6)	X		X												
19V. Ethylbenzene (100-41-4)	X		X												
20V. Methyl Bromide (74-83-9)	X		X												
21V. Methyl Chloride (74-87-3)	X		X												

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS <i>(continued)</i>															
22V. Methylene Chloride (75-09-2)	X		X												
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X												
24V. Tetrachloroethylene (127-18-4)	X		X												
25V. Toluene (108-88-3)	X		X												
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X												
27V. 1,1,1-Trichloroethane (71-55-6)	X		X												
28V. 1,1,2-Trichloroethane (79-00-5)	X		X												
29V Trichloroethylene (79-01-6)	X		X												
30V. Trichlorofluoromethane (75-69-4)	X		X												
31V. Vinyl Chloride (75-01-4)	X		X												
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X												
2A. 2,4-Dichlorophenol (120-83-2)	X		X												
3A. 2,4-Dimethylphenol (105-67-9)	X		X												
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X												
5A. 2,4-Dinitrophenol (51-28-5)	X		X												
6A. 2-Nitrophenol (88-75-5)	X		X												
7A. 4-Nitrophenol (100-02-7)	X		X												
8A. P-Chloro-M-Cresol (59-50-7)	X		X												
9A. Pentachlorophenol (87-86-5)	X		X												
10A. Phenol (108-95-2)	X		X												
11A. 2,4,6-Trichlorophenol (88-05-2)	X		X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X		X												
2B. Acenaphthylene (208-96-8)	X		X												
3B. Anthracene (120-12-7)	X		X												
4B. Benzidine (92-87-5)	X		X												
5B. Benzo (a) Anthracene (56-55-3)	X		X												
6B. Benzo (a) Pyrene (50-32-8)	X		X												
7B. 3,4-Benzo-fluoranthene (205-99-2)	X		X												
8B. Benzo (ghi) Perylene (191-24-2)	X		X												
9B. Benzo (k) Fluoranthene (207-08-9)	X		X												
10B. Bis (2-chloroethoxy) Methane (111-91-1)	X		X												
11B. Bis (2-chloroethyl) Ether (111-44-4)	X		X												
12B. Bis (2-chloroisopropyl) Ether (102-80-1)	X		X												
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X		X												
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X												
15B. Butyl Benzyl Phthalate (85-68-7)	X		X												
16B. 2-Chloronaphthalene (91-58-7)	X		X												
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X												
18B. Chrysene (218-01-9)	X		X												
19B. Dibenzo (a,h) Anthracene (53-70-3)	X		X												
20B. 1,2-Dichlorobenzene (95-50-1)	X		X												
21B. 1,3-Dichlorobenzene (541-73-1)	X		X												

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS <i>(continued)</i>															
22B. 1,4-Dichloro- benzene (106-46-7)	X		X												
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X												
24B. Diethyl Phthalate (84-66-2)	X		X												
25B. Dimethyl Phthalate (131-11-3)			X												
26B. Di-N-Butyl Phthalate (84-74-2)	X		X												
27B. 2,4-Dinitro- toluene (121-14-2)	X		X												
28B. 2,6-Dinitro- toluene (606-20-2)	X		X												
29B. Di-N-Octyl Phthalate (117-84-0)	X		X												
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)	X		X												
31B. Fluoranthene (206-44-0)	X		X												
32B. Fluorene (86-73-7)	X		X												
33B. Hexachloro- benzene (118-74-1)	X		X												
34B. Hexachloro- butadiene (87-68-3)	X		X												
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X												
36B Hexachloro- ethane (67-72-1)	X		X												
37B. Indeno (1,2,3- <i>cd</i>) Pyrene (193-39-5)	X		X												
38B. Isophorone (78-59-1)	X		X												
39B. Naphthalene (91-20-3)	X		X												
40B. Nitrobenzene (98-95-3)	X		X												
41B. N-Nitro- sodimethylamine (62-75-9)	X		X												
42B. N-Nitrosodi- N-Propylamine (621-64-7)	X		X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS <i>(continued)</i>															
43B. N-Nitrosodiphenylamine (86-30-6)	X		X												
44B. Phenanthrene (85-01-8)	X		X												
45B. Pyrene (129-00-0)	X		X												
46B. 1,2,4-Trichlorobenzene (120-82-1)	X		X												
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	X		X												
2P. α-BHC (319-84-6)	X		X												
3P. β-BHC (319-85-7)	X		X												
4P. γ-BHC (58-89-9)	X		X												
5P. δ-BHC (319-86-8)	X		X												
6P. Chlordane (57-74-9)	X		X												
7P. 4,4'-DDT (50-29-3)	X		X												
8P. 4,4'-DDE (72-55-9)	X		X												
9P. 4,4'-DDD (72-54-8)	X		X												
10P. Dieldrin (60-57-1)	X		X												
11P. α-Endosulfan (115-29-7)	X		X												
12P. β-Endosulfan (115-29-7)	X		X												
13P. Endosulfan Sulfate (1031-07-8)	X		X												
14P. Endrin (72-20-8)	X		X												
15P. Endrin Aldehyde (7421-93-4)	X		X												
16P. Heptachlor (76-44-8)	X		X												

EPA I.D. NUMBER (copy from Item 1 of Form 1) IL0005126	OUTFALL NUMBER 001
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CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)	X		X												
18P. PCB-1242 (53469-21-9)	X		X												
19P. PCB-1254 (11097-69-1)	X		X												
20P. PCB-1221 (11104-28-2)	X		X												
21P. PCB-1232 (11141-16-5)	X		X												
22P. PCB-1248 (12672-29-6)	X		X												
23P. PCB-1260 (11096-82-5)	X		X												
24P. PCB-1016 (12674-11-2)	X		X												
25P. Toxaphene (8001-35-2)	X		X												

EPA I.D. NUMBER (copy from Item 1 of Form 1)
IL0005126

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

Please print or type in the unshaded areas only.

FORM 2C NPDES			U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS <i>Consolidated Permits Program</i>				
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 <i>(list)</i>	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER <i>(name)</i>
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
C01	41.00	41.00	27.87	87.00	57.00	8.06	Internal outfall drains to -001
II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES							
A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.							
B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.							
1. OUTFALL NO. <i>(list)</i>	2. OPERATION(S) CONTRIBUTING FLOW			3. TREATMENT			
	a. OPERATION <i>(list)</i>	b. AVERAGE FLOW <i>(include units)</i>		a. DESCRIPTION		b. LIST CODES FROM TABLE 2C-1	
C01	Groundwater-Perc/DNAPL Remediation	3 gpd		air stripper		1-F	
				Filtering Unit		3-H	
				Carbon Absorption		2-A	
				Discharge to surface water (retention pond)		4-A	
OFFICIAL USE ONLY <i>(effluent guidelines sub-categories)</i>							

CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal? <input type="checkbox"/> YES (complete the following table) <input checked="" type="checkbox"/> NO (go to Section III)								
1. OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				C. DURATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		B. TOTAL VOLUME (specify with units)		
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	

III. PRODUCTION			
A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? <input type="checkbox"/> YES (complete Item III-B) <input checked="" type="checkbox"/> NO (go to Section IV)			
B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)? <input type="checkbox"/> YES (complete Item III-C) <input checked="" type="checkbox"/> NO (go to Section IV)			
C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.			
1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS (list outfall numbers)
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	

IV. IMPROVEMENTS					
A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operations 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. <input checked="" type="checkbox"/> YES (complete the following table) <input type="checkbox"/> NO (go to Item IV-B)					
1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
Site Remediation Program LPC# 0311625023	C01	Perchloroethylene contaminated ground water	DNAPL Recovery/Groundwater Remediation		2025

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. <input type="checkbox"/> MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED	
---	--

EPA I.D. NUMBER (copy from Item 1 of Form 1)
 IL0005126

CONTINUED FROM PAGE 2

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided.
 NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
N/A	N/A	N/A	N/A

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C 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 Item VI-B)

Empty space for listing pollutants and providing details for 'YES' response.

CONTINUED FROM THE FRONT

VII. 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 (identify the test(s) and describe their purposes below)

NO (go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

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

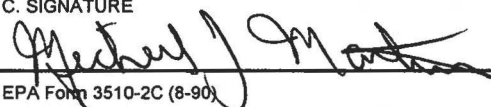
YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
First Environmental Laboratory	1600 Shore Road Naperville, IL 60563	(630) 728-1200	TOC 1,2-Dichloroethane

IX. 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) Michael J. Martino, Facility Manager	B. PHONE NO. (area code & no.) (630) 257-3954
C. SIGNATURE 	D. DATE SIGNED 10-2-18

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)
IL0005126

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO.
-C01

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.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	N/A	N/A	N/A	N/A	5.0	N/A	1	N/A	N/A	N/A	N/A	N/A
b. Chemical Oxygen Demand (COD)	N/A	N/A	N/A	N/A	< 10.0	N/A	1	N/A	N/A	N/A	N/A	N/A
c. Total Organic Carbon (TOC)	N/A	N/A	N/A	N/A	83.95	N/A	4	mg/L	N/A	N/A	N/A	N/A
d. Total Suspended Solids (TSS)	N/A	N/A	N/A	N/A	< 5.0	N/A	1	N/A	N/A	N/A	N/A	N/A
e. Ammonia (as N)	N/A	N/A	N/A	N/A	0.24	N/A	1	N/A	N/A	N/A	N/A	N/A
f. Flow	VALUE N/A		VALUE 0.00008		VALUE 0.00003		12	MGD	N/A	VALUE N/A		N/A
g. Temperature (winter)	VALUE N/A		VALUE N/A		VALUE N/A		N/A	N/A °C		VALUE N/A		N/A
h. Temperature (summer)	VALUE N/A		VALUE N/A		VALUE N/A		N/A	N/A °C		VALUE N/A		N/A
i. pH	MINIMUM 8.08	MAXIMUM 8.08	MINIMUM N/A	MAXIMUM N/A			N/A	STANDARD UNITS				

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X												

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X												
h. Oil and Grease	X						3		1					
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO ₄) (14808-79-8)		X												
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃) (14265-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)		X												
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)	X						0.08		1					
t. Magnesium, Total (7439-95-4)		X												
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)		X												
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
IL0005126	-C01

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium, Total (7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)			X												
6M. Copper, Total (7440-50-8)			X												
7M. Lead, Total (7439-92-1)			X												
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)			X												
10M. Selenium, Total (7782-49-2)			X												
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)			X												
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X												
4V. Bis (Chloro- methyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chlorobenzene (108-90-7)			X												
8V. Chlorodi- bromomethane (124-48-1)			X												
9V. Chloroethane (75-00-3)			X												
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro- bromomethane (75-27-4)			X												
13V. Dichloro- difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro- ethane (75-34-3)			X												
15V. 1,2-Dichloro- ethane (107-06-2)	X	X		N/A	N/A	N/A	N/A	< 0.005	N/A	4	mg/L	N/A	N/A	N/A	N/A
16V. 1,1-Dichloro- ethylene (75-35-4)			X												
17V. 1,2-Dichloro- propane (78-87-5)			X												
18V. 1,3-Dichloro- propylene (542-75-6)			X												
19V. Ethylbenzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												
21V. Methyl Chloride (74-87-3)			X												

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS <i>(continued)</i>															
22V. Methylene Chloride (75-09-2)			X												
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X												
24V. Tetrachloroethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X												
27V. 1,1,1-Trichloroethane (71-55-6)			X												
28V. 1,1,2-Trichloroethane (79-00-5)			X												
29V Trichloroethylene (79-01-8)			X												
30V. Trichlorofluoromethane (75-69-4)			X												
31V. Vinyl Chloride (75-01-4)			X												
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X												
2A. 2,4-Dichlorophenol (120-83-2)			X												
3A. 2,4-Dimethylphenol (105-67-9)			X												
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitrophenol (51-28-5)			X												
6A. 2-Nitrophenol (88-75-5)			X												
7A. 4-Nitrophenol (100-02-7)			X												
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachlorophenol (87-86-5)			X												
10A. Phenol (108-95-2)			X												
11A. 2,4,6-Trichlorophenol (88-05-2)			X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X												
2B. Acenaphthylene (208-96-8)			X												
3B. Anthracene (120-12-7)			X												
4B. Benzidine (92-87-5)			X												
5B. Benzo (a) Anthracene (56-55-3)			X												
6B. Benzo (a) Pyrene (50-32-8)			X												
7B. 3,4-Benzo-fluoranthene (205-99-2)			X												
8B. Benzo (ghi) Perylene (191-24-2)			X												
9B. Benzo (k) Fluoranthene (207-08-9)			X												
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)			X												
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)			X												
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X												
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)			X												
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X												
15B. Butyl Benzyl Phthalate (85-68-7)			X												
16B. 2-Chloro-naphthalene (91-58-7)			X												
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X												
18B. Chrysene (218-01-9)			X												
19B. Dibenzo (a,h) Anthracene (53-70-3)			X												
20B. 1,2-Dichloro-benzene (95-50-1)			X												
21B. 1,3-Di-chloro-benzene (541-73-1)			X												

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS <i>(continued)</i>															
22B. 1,4-Dichlorobenzene (106-46-7)			X												
23B. 3,3-Dichlorobenzidine (91-94-1)			X												
24B. Diethyl Phthalate (84-66-2)			X												
25B. Dimethyl Phthalate (131-11-3)			X												
26B. Di-N-Butyl Phthalate (84-74-2)			X												
27B. 2,4-Dinitrotoluene (121-14-2)			X												
28B. 2,6-Dinitrotoluene (606-20-2)			X												
29B. Di-N-Octyl Phthalate (117-84-0)			X												
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)			X												
31B. Fluoranthene (206-44-0)			X												
32B. Fluorene (86-73-7)			X												
33B. Hexachlorobenzene (118-74-1)			X												
34B. Hexachlorobutadiene (87-68-3)			X												
35B. Hexachlorocyclopentadiene (77-47-4)			X												
36B Hexachloroethane (67-72-1)			X												
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			X												
38B. Isophorone (78-59-1)			X												
39B. Naphthalene (91-20-3)			X												
40B. Nitrobenzene (98-95-3)			X												
41B. N-Nitrosodimethylamine (62-75-9)			X												
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X												
44B. Phenanthrene (85-01-8)			X												
45B. Pyrene (129-00-0)			X												
46B. 1,2,4-Trichlorobenzene (120-82-1)			X												
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. γ-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
IL0005126	-C01

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11098-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

Please print or type in the unshaded areas only.		EPA ID Number (copy from Item 1 of Form 1) IL0005126		Form Approved. OMB No. 2040-0086. Approval expires 5-31-92.			
FORM 2E NPDES	Facilities Which Do Not Discharge Process Wastewater						
I. RECEIVING WATERS							
For this outfall, list the latitude and longitude, and name of the receiving water(s).							
Outfall Number (list)	Latitude			Longitude			Receiving Water (name)
	Deg	Min	Sec	Deg	Min	Sec	internal outfall discharges to outfall -001
A01	41.00	41.00	39.00	87.00	57.00	7.00	
II. DISCHARGE DATE (If a new discharger, the date you expect to begin discharging)							
III. TYPE OF WASTE							
A. Check the box(es) indicating the general type(s) of wastes discharged.							
<input checked="" type="checkbox"/> Sanitary Wastes <input type="checkbox"/> Restaurant or Cafeteria Wastes <input type="checkbox"/> Noncontact Cooling Water <input type="checkbox"/> Other Nonprocess Wastewater (Identify)							
B. If any cooling water additives are used, list them here. Briefly describe their composition if this information is available.							
sanitary septic outfall only							
<div style="font-size: 2em; font-weight: bold; opacity: 0.5;">RECEIVED</div> OCT 03 2018 BOW/WPC/PERMIT SECTION							
IV. EFFLUENT CHARACTERISTICS							
A. Existing Sources — Provide measurements for the parameters listed in the left-hand column below, unless waived by the permitting authority (see instructions).							
B. New Dischargers — Provide estimates for the parameters listed in the left-hand column below, unless waived by the permitting authority. Instead of the number of measurements taken, provide the source of estimated values (see instructions).							
Pollutant or Parameter	(1) Maximum Daily Value (include units)		(2) Average Daily Value (last year) (include units)		(3)	(4)	
	Mass	Concentration	Mass	Concentration	Number of Measurements Taken (last year)	Source of Estimate (if new discharger)	
Biochemical Oxygen Demand (BOD)	N/A	10 mg/L	N/A	6.58 mg/L	12.00		
Total Suspended Solids (TSS)	N/A	18 mg/L	N/A	5.42 mg/L	12.00		
Fecal Coliform (if believed present or if sanitary waste is discharged)	N/A	6K cfu/100ml	N/A	725	12.00		
Total Residual Chlorine (if chlorine is used)	N/A	> 4.0 mg/L	N/A	> 4.0 mg/L	1.00		
Oil and Grease	N/A	5 mg/L	N/A	5 mg/L	1.00		
*Chemical oxygen demand (COD)	N/A	n/a	N/A	N/A	0.00		
*Total organic carbon (TOC)	N/A	n/a	N/A	N/A	0.00		
Ammonia (as N)	N/A	< 0.1 mg/L	N/A	< 0.1 mg/L	1.00		
Discharge Flow	Value	2,160 GPD	Value	1,060 GPD	12.00		
pH (give range)	Value	8.33	Value	8.33	1.00		
Temperature (Winter)		°C		°C		N/A	
Temperature (Summer)		°C		°C		N/A	
*if noncontact cooling water is discharged							

V. Except for leaks or spills, will the discharge described in this form be intermittent or seasonal?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, briefly describe the frequency of flow and duration.	

VI. TREATMENT SYSTEM (Describe briefly any treatment system(s) used or to be used)

Discharge is outfall of septic system where influent is aerated, solids are allowed to settle and effluent is chlorinated prior to discharge. Septic unit is maintained on a quarterly basis, at a minimum, by a licensed contractor.

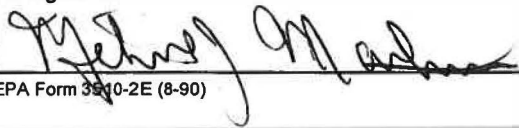
VII. OTHER INFORMATION (Optional)

Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other information you feel should be considered in establishing permit limitations. Attach additional sheets, if necessary.

n/a

VIII. 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 Michael J. Martino, Facility Manger	B. Phone No. (area code & no.) (630) 357-3954
C. Signature 	D. Date Signed 10-2-18

Please print or type in the unshaded areas only.		EPA ID Number (copy from Item 1 of Form 1) IL0005126		Form Approved. OMB No. 2040-0086. Approval expires 5-31-92.			
FORM 2E NPDES	Facilities Which Do Not Discharge Process Wastewater						
I. RECEIVING WATERS							
For this outfall, list the latitude and longitude, and name of the receiving water(s).							
Outfall Number (list)	Latitude			Longitude			Receiving Water (name)
	Deg	Min	Sec	Deg	Min	Sec	
B01	41.00	41.00	27.00	87.00	57.00	7.00	Illinois & Michigan Canal
II. DISCHARGE DATE (If a new discharger, the date you expect to begin discharging)							
III. TYPE OF WASTE							
A. Check the box(es) indicating the general type(s) of wastes discharged.							
<input checked="" type="checkbox"/> Sanitary Wastes <input type="checkbox"/> Restaurant or Cafeteria Wastes <input type="checkbox"/> Noncontact Cooling Water <input type="checkbox"/> Other Nonprocess Wastewater (Identify)							
B. If any cooling water additives are used, list them here. Briefly describe their composition if this information is available.							
sanitary septic outfall only							
IV. EFFLUENT CHARACTERISTICS							
A. Existing Sources — Provide measurements for the parameters listed in the left-hand column below, unless waived by the permitting authority (see instructions).							
B. New Dischargers — Provide estimates for the parameters listed in the left-hand column below, unless waived by the permitting authority. Instead of the number of measurements taken, provide the source of estimated values (see instructions).							
Pollutant or Parameter	(1) Maximum Daily Value (include units)		(2) Average Daily Value (last year) (include units)		(3)	(or)	(4)
	Mass	Concentration	Mass	Concentration	Number of Measurements Taken (last year)	Source of Estimate (if new discharger)	
Biochemical Oxygen Demand (BOD)	N/A	14 mg/L	N/A	7.08 mg/L	12.00		
Total Suspended Solids (TSS)	N/A	16 mg/L	N/A	8.92 mg/L	12.00		
Fecal Coliform (if believed present or if sanitary waste is discharged)	N/A	800 cF/100ml	N/A	83.33	12.00		
Total Residual Chlorine (if chlorine is used)	N/A	1.42 mg/L	N/A	1.42 mg/L	1.00		
Oil and Grease	N/A	4 mg/L	N/A	4 mg/L	1.00		
*Chemical oxygen demand (COD)	N/A	N/A	N/A	N/A	0.00		
*Total organic carbon (TOC)	N/A	N/A	N/A	N/A	0.00		
Ammonia (as N)	N/A	< 0.21 mg/L	N/A	< 0.21 mg/L	1.00		
Discharge Flow	Value	1,350 GPD	Value	1,060 GPD	12.00		
pH (give range)	Value	7.78	Value	7.78	1.00		
Temperature (Winter)		°C		°C		N/A	
Temperature (Summer)		°C		°C		N/A	

V. Except for leaks or spills, will the discharge described in this form be intermittent or seasonal?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, briefly describe the frequency of flow and duration.	

VI. TREATMENT SYSTEM (Describe briefly any treatment system(s) used or to be used)

Discharge is outfall of septic system where influent is aerated, solids are allowed to settle and effluent is chlorinated prior to discharge. Septic unit is maintained on a quarterly basis, at a minimum, by a licensed contractor.

VII. OTHER INFORMATION (Optional)

Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other information you feel should be considered in establishing permit limitations. Attach additional sheets, if necessary.

n/a

VIII. 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 Michael J. Martino, Facility Manger	B. Phone No. (area code & no.) (630) 357-3954
C. Signature	D. Date Signed

EPA ID Number (copy from Item 1 of Form 1)
IL0005126

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

Please print or type in the unshaded areas only.

FORM 2F NPDES		U.S. Environmental Protection Agency Washington, DC 20460	Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity
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RECEIVED
MAY 23 2020
EPA
FORWARD/PERMIT SECTION

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 or 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)
-002	41.00	41.00	45.00	87.00	57.00	30.00	Illinois and Michigan Canal

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.
N/A	N/A	N/A	N/A		

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 or 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.

Continued from the Front

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of impervious 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	170,223 sq. ft.	383,566 sq. ft.			

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.

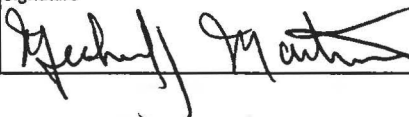
IMTT Illinois is a bulk liquid, for-hire tank facility that engages in the receipt, storage and distribution of chlorinated hydrocarbons, solvents, petroleum products, and inorganic acids/bases. Bulk liquid chemicals are received by barge, rail, truck. IMTT also have a small blending and packaging facility for automotive antifreeze, and aircraft/runway deicer. Set procedures are in place for supervising the drainage of storm water from secondary containment areas into an open watercourse. Operating personnel physically observe secondary containment for oil sheen and contamination prior to discharging the storm water collected within diked storage area of operating tanks. Stormwater drainage is by natural hydraulic flow and the ditches must be physically drained by manually opening a locked valve for the designated outfall. Final discharge of drainage water is accomplished from the retention pond with sampling and testing of water carried out under the jurisdiction of the NPDES permit at an accredited AWWA laboratory.

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	None	4 -A

V. Nonstormwater Discharges

A. I certify under penalty of law that 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 Form 2E application for the outfall.

Name and Official Title (type or print)	Signature	Date Signed
Michael J. Martino, Facility Manager		10-2-18

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.

Semi-annual grab samples for VOC testing were collected at this outfall on June 1, 2017, December 4, 2017 and June 6, 2018. Grab samples for other constituents were collected at each outfall on 8/29/2018. All samples were submitted to and analyzed by First Environmental Laboratories, Inc. IL ELAP/NELAC Accreditation #100292.

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.

IMTT Illinois Lemont facility has not experienced any significant leaks or spills of toxic or hazardous pollutants within the last three years.

Continued from Page 2

EPA ID Number (copy from Item 1 of Form 1)
IL0005126

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
First Environmental Laboratory	1600 Shore Road Naperville, IL 60563	(630) 778-1200	

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.

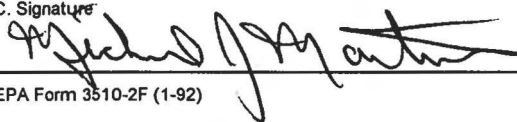
A. Name & Official Title (Type Or Print)

Michael J. Martino, Terminal Manager

B. Area Code and Phone No.

(630) 257-3954

C. Signature



D. Date Signed

10-2-18

EPA ID Number (copy from Item 1 of Form 1)
IL0005126

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

Please print or type in the unshaded areas only.

FORM
2F
NPDES



U.S. Environmental Protection Agency
Washington, DC 20460

Application for Permit to Discharge Stormwater/Discharges Associated with Industrial Activity

RECEIVED
OCT 03 2018
SOVIAP/PERMIT SECTION

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: EPA Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, or Direct 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 (#/sf)	B. Latitude			C. Longitude			D. Receiving Water (name)
003 Stormwater	41.00	41.00	45.00	87.00	56.00	37.61	Cal-Sag Canal

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.
N/A	N/A	N/A	N/A		

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.

Continued from the Front

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of impervious 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)
003	136,393 sq. ft.	233,456 sq. ft.			

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.


IMTT Illinois is a bulk liquid, for-hire tank facility that engages in the receipt, storage and distribution of chlorinated hydrocarbons, solvents, petroleum products, and inorganic acids/bases. Bulk liquid chemicals are received by barge, rail, truck. IMTT also have a small blending and packaging facility for automotive antifreeze, and aircraft/runway deicer. Set procedures are in place for supervising the drainage of storm water from secondary containment areas into an open watercourse. Operating personnel physically observe secondary containment for oil sheen and contamination prior to discharging the storm water collected within diked storage area of operating tanks. Stormwater drainage is by natural hydraulic flow and the ditches must be physically drained by manually opening a locked valve for the designated outfall. Final discharge of drainage water is accomplished from the retention pond with sampling and testing of water carried out under the jurisdiction of the NPDES permit at an accredited AWWA laboratory.

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
003	None	4-A

V. Nonstormwater Discharges

A. I certify under penalty of law that 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 Form 2E application for the outfall.

Name and Official Title (type or print)	Signature	Date Signed
Michael J. Martino, Facility Manager		10-2-18

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.

Semi-annual grab samples for VOC testing were collected at this outfall on June 1, 2017, December 4, 2017 and June 6, 2018. Grab samples for other constituents were collected at each outfall on 8/29/2018. All samples were submitted to and analyzed by First Environmental Laboratories, Inc. IL ELAP/NELAC Accreditation #100292.

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.

IMTT Illinois Lemont facility did not experience any significant leaks or spills within the last three years.

EPA ID Number (copy from Item 1 of Form 1)
IL0005126

Continued from Page 2

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?

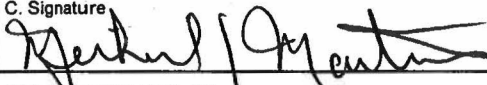
Yes (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

No (go to Section X)

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
First Environmental Laboratory	1600 Shore Road Naperville, IL 60563	(630) 778-1200	See Appendices A, B, C, D

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) Michael J. Martino, Terminal Manager	B. Area Code and Phone No. (630) 257-3954
C. Signature 	D. Date Signed 10-2-18

EPA ID Number (copy from Item 1 of Form 1) IL0005126

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.

Table with 7 columns: Pollutant and CAS Number, Maximum Values (Grab Sample, Flow-Weighted Composite), Average Values (Grab Sample, Flow-Weighted Composite), Number of Storm Events Sampled, Sources of Pollutants. Rows include Oil and Grease, Biological Oxygen Demand (BOD5), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Total Nitrogen, Total Phosphorus, and pH.

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.

Table with 7 columns: Pollutant and CAS Number, Maximum Values (Grab Sample, Flow-Weighted Composite), Average Values (Grab Sample, Flow-Weighted Composite), Number of Storm Events Sampled, Sources of Pollutants. The first row contains 'N/A' for all fields, and the rest are empty.

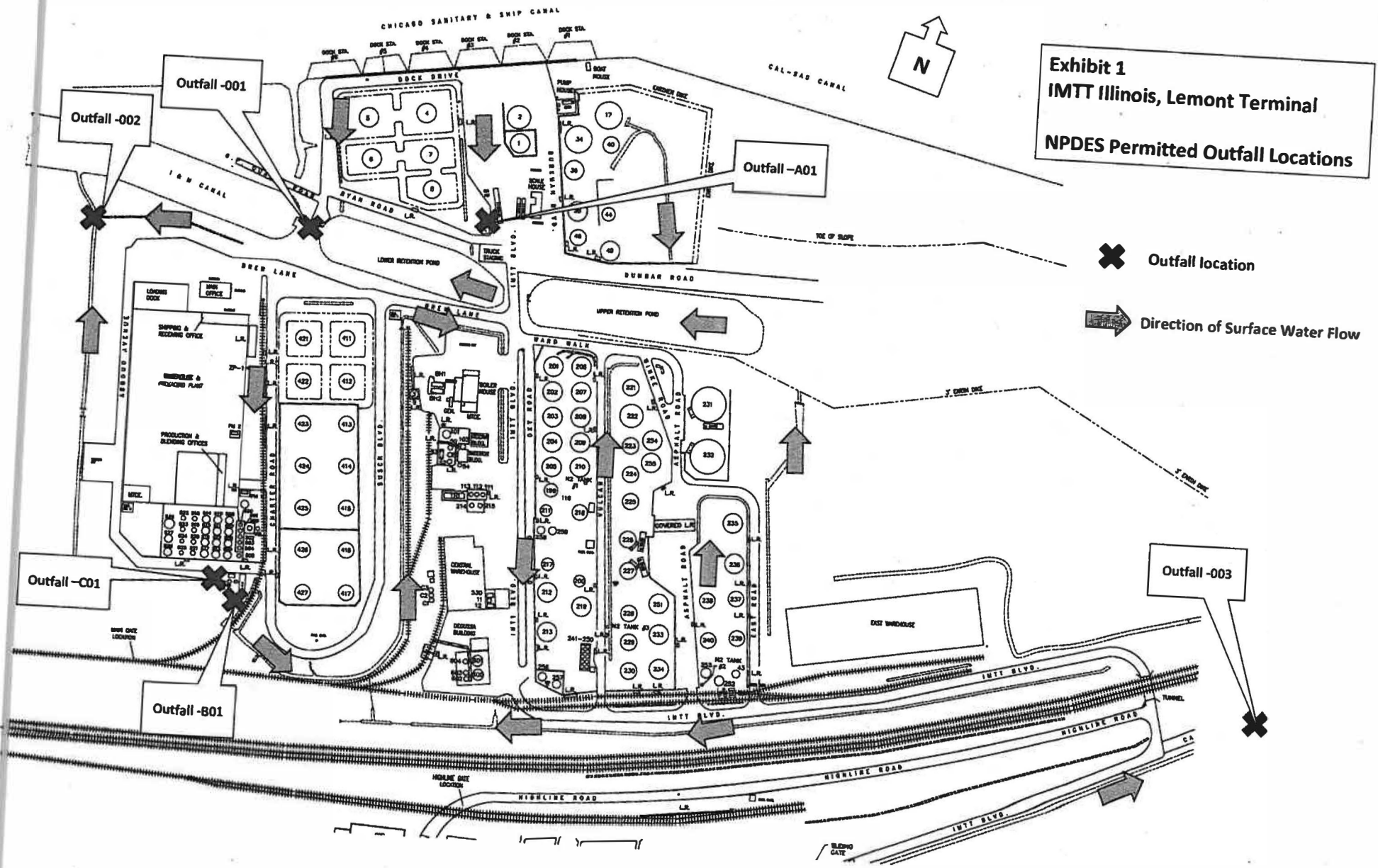
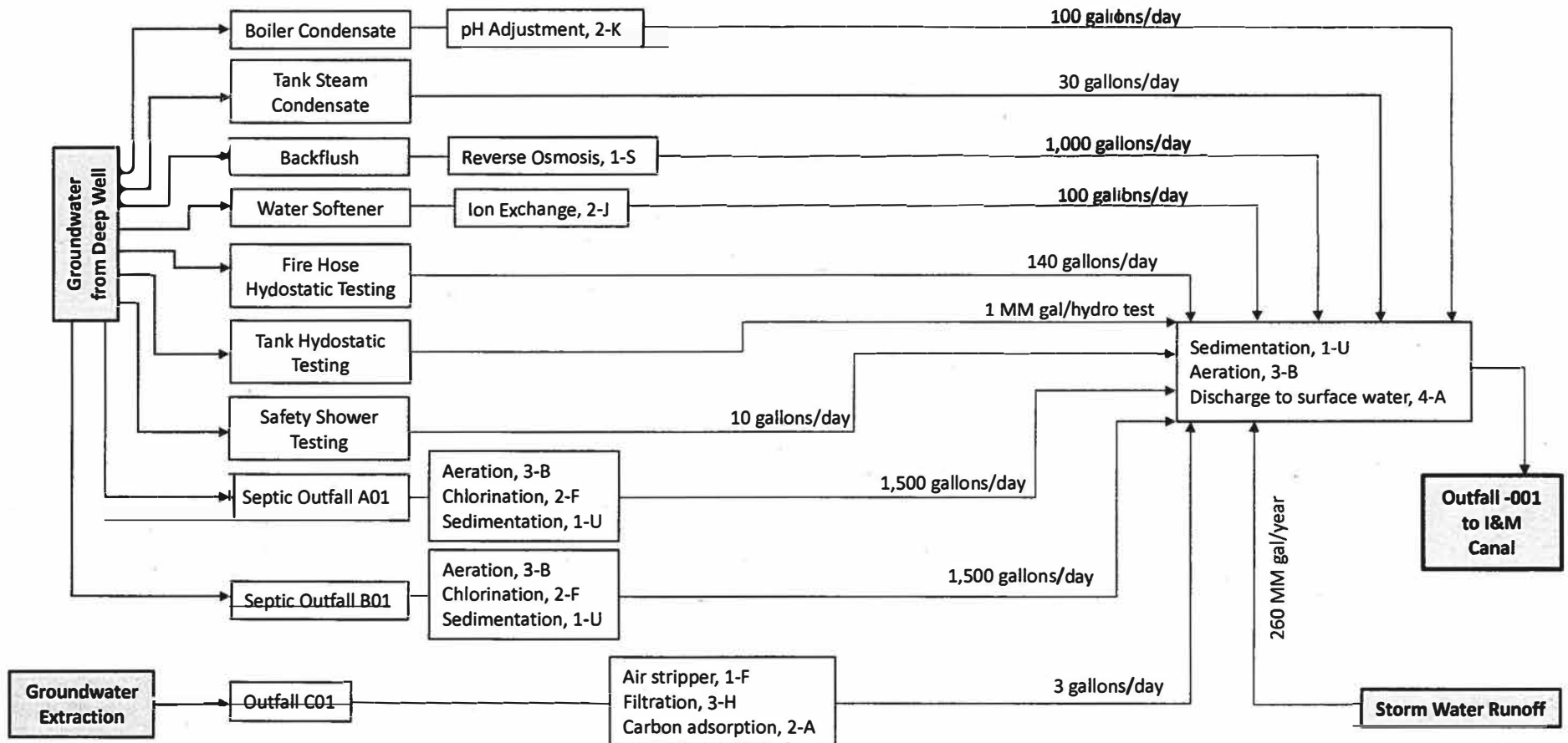


Exhibit 1
IMTT Illinois, Lemont Terminal
NPDES Permitted Outfall Locations

X Outfall location
➔ Direction of Surface Water Flow

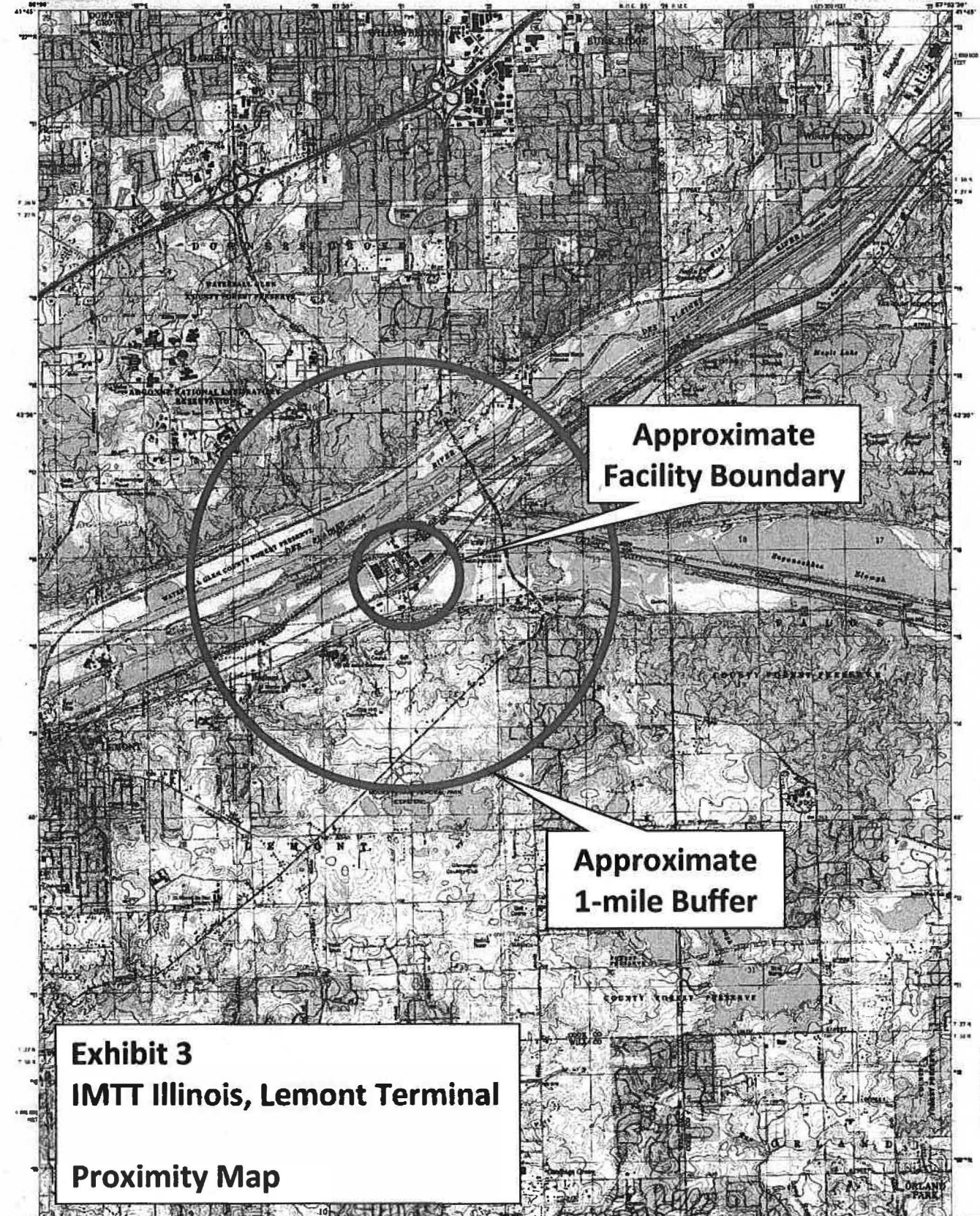
Exhibit 2
IMTT Illinois, Lemont Terminal
Flow Diagram for Outfall -001





U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

SAG BRIDGE QUADRANGLE
ILLINOIS
7.5-MINUTE SERIES (TOPOGRAPHIC)



Approximate
Facility Boundary

Approximate
1-mile Buffer

Exhibit 3
IMTT Illinois, Lemont Terminal
Proximity Map

RECEIVED
AUG 31 1999
NATIONAL ARCHIVES

Produced by the United States Geological Survey
derived from imagery taken 1988 and other sources. Postwar
changes (e.g., PL-53 and survey control points as of 1991)
boundary, color from source, selected 1999



CONTOUR INTERVAL 8 FEET
NATIONAL GEOGRAPHIC SOCIETY, P.O. BOX 25158, DENVER, COLORADO 80225
1:50,000 (1:62,500) 7.5-MINUTE SERIES (TOPOGRAPHIC)

ROAD CLASSIFICATION

1	2	3	4	5
6	7	8	9	10

Primary highway
Secondary highway
Unimproved road

SAG BRIDGE, IL
1977

THIS MAP COMPLETES THE 7.5-MINUTE MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25158, DENVER, COLORADO 80225
AND ILLINOIS GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Appendix A – IMTT Lemont terminal, Outfall -001 discharge monitoring results (October 2017 – September 2018)

Outfall -001	BOD	Ammonia	O & G	Chlorine	Fe	TSS		Temp		pH		DO		Flow			TOC	COD
						Max	Avg	Max	Min	Max	Min	Min	Avg	Max	Avg	TOTAL		
September-18	5.00	0.00	4.00	0.02	0.24	13.00	13.00	75.40	64.40	8.20	7.29	6.80	6.98	2.19	0.81	24.37		
August-18	6.00	0.00	0.00	0.02	0.32	28.00	28.00	75.90	74.30	8.40	7.88	6.70	6.90	2.59	0.97	29.10	3.1	23
July-18	5.00	0.00	5.00	0.01	0.51	44.00	35.00	79.90	71.10	8.38	7.63	6.80	6.98	2.68	0.80	23.89		
June-18	0.00	0.27	0.00	0.01	0.44	16.00	16.00	80.40	68.40	8.05	7.57	6.70	6.93	2.34	0.95	28.51		
May-18	7.00	0.00	0.00	0.02	0.47	38.00	29.00	75.90	62.80	8.11	7.91	6.80	6.95	3.41	0.99	29.59		
April-18	0.00	0.27	0.00	0.02	0.35	22.00	22.00	55.60	43.50	8.23	8.02	6.90	7.05	2.12	0.46	13.74		
March-18	9.00	0.32	0.00	0.02	0.44	0.00	0.00	51.80	44.20	8.35	8.11	7.00	7.33	2.26	0.70	21.57		
February-18	0.00	0.71	0.00	0.02	0.29	13.00	13.00	51.80	46.20	8.34	8.06	7.20	7.40	2.37	1.00	27.91		
January-18	0.00	0.25	0.00	0.02	0.17	0.00	0.00	54.00	37.90	8.43	8.21	7.20	7.46	1.21	0.51	15.88		
December-17	5.00	0.32	0.00	0.02	0.25	9.00	9.00	56.60	37.40	8.79	8.10	7.20	7.45	2.25	0.45	13.93		
November-17	0.00	0.44	0.00	0.02	0.84	6.00	6.00	53.40	48.00	8.35	7.90	7.60	7.75	2.03	0.42	12.59		
October-17	5.00	0.27	0.00	0.02	0.41	38.00	24.80	68.20	54.30	8.61	7.62	6.80	7.58	2.03	0.43	13.25		
																254.31		
Maximum	9.00	0.71	5.00	0.02	0.84	44.00		80.40		8.79				3.41				
Minimum									37.40		7.29	6.70						
Average	3.50	0.24	0.75	0.02	0.39		16.32						7.23		0.71			

Appendix B – IMTT Lemont terminal, Outfall -A01 discharge monitoring results (October 2017 – September 2018)

Outfall -A01	BOD	TSS	Fecal	Flow	COD	TOC	Ammonia	O&G	pH
September-18	0.00	8.00	0.00	0.00106					
August-18	6.00	0.00	0.00	0.00196	28.00	9.10	< 0.1	5.00	8.33
July-18	8.00	0.00	0.00	0.00216					
June-18	5.00	5.00	0.00	0.00039					
May-18	6.00	9.00	0.00	0.00098					
April-18	10.00	18.00	0.00	0.00103					
March-18	8.00	12.00	0.00	0.00154					
February-18	8.00	6.00	2,700.00	0.00154					
January-18	7.00	0.00	0.00	0.00077					
December-17	6.00	0.00	0.00	0.00088					
November-17	8.00	0.00	0.00	0.00022					
October-17	7.00	7.00	6,000.00	0.00023					
Maximum	10.00	18.00	6,000.00	0.00216	0.00				
Average	6.58	5.42	725.00	0.00106					

Appendix C – IMTT Lemont terminal, Outfall -B01 discharge monitoring results (October 2017 – September 2018)

Outfall -B01	BOD	TSS	Fecal	Flow	COD	TOC	Ammonia	O&G	pH
September-18	0.00	8.00	0.00	0.00110					
August-18	10.00	0.00	50.00	0.00068	< 10	0.90	0.21	4.00	7.78
July-18	0.00	9.00	0.00	0.00033					
June-18	9.00	5.00	0.00	0.00054					
May-18	0.00	8.00	0.00	0.00035					
April-18	14.00	8.00	0.00	0.00135					
March-18	13.00	16.00	50.00	0.00037					
February-18	0.00	12.00	0.00	0.00028					
January-18	0.00	8.00	100.00	0.00032					
December-17	14.00	15.00	0.00	0.00109					
November-17	14.00	12.00	0.00	0.00030					
October-17	11.00	6.00	800.00	0.00103					
Maximum	14.00	16.00	800.00	0.00135					
Average	7.08	8.92	83.33	0.00064					

Appendix D – IMTT Lemont terminal, Outfall -C01 discharge monitoring results (October 2017 – September 2018)

Outfall -C01	BOD	TSS	O & G	Ammonia	Flow		pH	COD	TOC	Iron
					Max	Avg				
September-18					0.000033	0.0000002			0.80	
August-18	5.00	< 5	3.00	0.24	0.000038	0.0000002	8.08	< 10		0.08
July-18					0.000025	0.0000003				
June-18					0.000024	0.0000002			20.00	
May-18					0.000000	0.0000107				
April-18					0.000084	0.0000004				
March-18					0.000031	0.0000003			310.00	
February-18					0.000037	0.0000003				
January-18					0.000038	0.0000001				
December-17					0.000025	0.0000016			5.00	
November-17					0.000041	0.0000069				
October-17					0.000038	0.0000091				
Maximum					0.000084				310.00	
Average						0.0000025			83.95	

Appendix E – IMTT Lemont terminal, Outfalls -002 & -003 discharge monitoring results (August 2018)

Outfall -002	BOD	TSS	O & G	pH	Temp
August-18	< 5	9.00	5.00	7.81	70.00
Outfall -003	BOD	TSS	O & G	pH	Temp
August-18	9.00	19.00	5.00	7.73	71.40



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

BRUCE RAUNER, GOVERNOR

ALEC MESSINA, DIRECTOR

Memorandum

Date: Wednesday, October 10, 2018
 To: Scott Twait, DWPC Standards
 From: Shu-Mei Tsai
 Subject: Request for Water Quality Standards Evaluation

An NPDES permit will be drafted for the facility identified below. The following standards related items are requested items to facilitate permit issuance:

Antidegradation Assessment new discharge expanded relocated
 Additional Parameters of Concern:

Reasonable Potential/Water Quality Based Effluent Limits Analysis

Whole Effluent Biomonitoring Recommendations

Ammonia Limits Current Limits Ave. Max
 Spring/Fall
 Summer
 Winter

Facility now collects ammonia 5 days per week

303(d)/BSC Listing or Rating for Receiving Water

Facility Name: IMTT – Illinois

NPDES No. IL0005126

Receiving Waters: Illinois and Michigan Canal

County: Cook

NPDES Expiration Date: 2/28/2019

Major Facility

Minor Facility

DAF:

Outfall 001

0.238 MGD

Highest monthly ave. flow:

MGD

Copy of NPDES Permit Application/Map forwarded to IDNR on

IDNR Endangered Species Action Report included with received application (copy attached)

Comments, etc:

Please also check Dissolved Oxygen, Ammonia (as N), Temperature, Chromium (Total), Phenols, Chloride, 1,2 Dichloroethane, Volatile Organic Compounds. Thanks

Shu-Mei

NPDES ID	Mon. Period End Date	Line No	Param MLC - Season ID	Desc.	Concentration 2	Concentration 3	Concentration Units
IL0005126	02/28/2019	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		48.7 deg F
IL0005126	01/31/2019	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		52.9 deg F
IL0005126	12/31/2018	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		46.6 deg F
IL0005126	03/31/2018	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		51.8 deg F
IL0005126	02/28/2018	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		51.8 deg F
IL0005126	01/31/2018	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		54 deg F
IL0005126	12/31/2017	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		56.6 deg F
IL0005126	03/31/2017	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		58.5 deg F
IL0005126	02/28/2017	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		57.6 deg F
IL0005126	01/31/2017	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		54.3 deg F
IL0005126	12/31/2016	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		49.3 deg F
IL0005126	03/31/2016	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		55.9 deg F
IL0005126	02/29/2016	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		59 deg F
IL0005126	01/31/2016	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		55 deg F
IL0005126	12/31/2015	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		61.3 deg F
IL0005126	03/31/2015	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		63 deg F
IL0005126	02/28/2015	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		45.9 deg F
IL0005126	01/31/2015	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		42.6 deg F
IL0005126	12/31/2014	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		48.33 deg F
IL0005126	03/31/2014	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		56.8 deg F
IL0005126	02/28/2014	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		45.68 deg F
IL0005126	01/31/2014	001-0	00011-1-0	Temperature, water deg. fahrenheit	Effluent Gross		52.1 deg F
IL0005126	11/30/2018	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		50.7 deg F
IL0005126	10/31/2018	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		64.9 deg F
IL0005126	09/30/2018	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		75.4 deg F
IL0005126	08/31/2018	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		75.9 deg F
IL0005126	07/31/2018	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		79.9 deg F
IL0005126	06/30/2018	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		80.4 deg F
IL0005126	05/31/2018	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		75.9 deg F
IL0005126	04/30/2018	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		55.6 deg F
IL0005126	11/30/2017	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		53.4 deg F
IL0005126	10/31/2017	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		68.2 deg F
IL0005126	09/30/2017	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		75.6 deg F
IL0005126	08/31/2017	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		74.3 deg F
IL0005126	07/31/2017	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross		75.7 deg F

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IL0005126	06/30/2017	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	74.5	R 54 deg F
IL0005126	05/31/2017	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	72.3	deg F
IL0005126	04/30/2017	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	64.2	deg F
IL0005126	11/30/2016	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	69.6	deg F
IL0005126	10/31/2016	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	70.2	deg F
IL0005126	09/30/2016	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	76.1	deg F
IL0005126	08/31/2016	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	79.7	deg F
IL0005126	07/31/2016	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	80.1	deg F
IL0005126	06/30/2016	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	79.3	deg F
IL0005126	05/31/2016	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	77.2	deg F
IL0005126	04/30/2016	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	68	deg F
IL0005126	11/30/2015	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	62.6	deg F
IL0005126	10/31/2015	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	68.7	deg F
IL0005126	09/30/2015	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	76.3	deg F
IL0005126	08/31/2015	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	80.4	deg F
IL0005126	07/31/2015	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	78.8	deg F
IL0005126	06/30/2015	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	80.8	deg F
IL0005126	05/31/2015	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	72.3	deg F
IL0005126	04/30/2015	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	65.8	deg F
IL0005126	11/30/2014	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	68	deg F
IL0005126	10/31/2014	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	74.4	deg F
IL0005126	09/30/2014	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	75.6	deg F
IL0005126	08/31/2014	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	76.9	deg F
IL0005126	07/31/2014	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	80.2	deg F
IL0005126	06/30/2014	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	74.8	deg F
IL0005126	05/31/2014	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	76	deg F
IL0005126	04/30/2014	001-0	00011-1-1	Temperature, water deg. fahrenheit	Effluent Gross	60.8	deg F
IL0005126	02/28/2019	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	800	mg/L
IL0005126	01/31/2019	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	303	mg/L
IL0005126	12/31/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	179	mg/L
IL0005126	11/30/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	248	mg/L
IL0005126	10/31/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	271	mg/L
IL0005126	09/30/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	181	mg/L
IL0005126	08/31/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	517	mg/L
IL0005126	07/31/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	322	mg/L
IL0005126	06/30/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	395	mg/L
IL0005126	05/31/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	524	mg/L
IL0005126	04/30/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	104	mg/L
IL0005126	03/31/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	330	mg/L
IL0005126	02/28/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	650	mg/L
IL0005126	01/31/2018	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	940	mg/L
IL0005126	12/31/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross	590	mg/L

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IL0005126	11/30/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		402	R 55mg/L
IL0005126	10/31/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		544	mg/L
IL0005126	09/30/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		337	mg/L
IL0005126	08/31/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		381	mg/L
IL0005126	07/31/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		80	mg/L
IL0005126	06/30/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		412	mg/L
IL0005126	05/31/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		285	mg/L
IL0005126	04/30/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		273	mg/L
IL0005126	03/31/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		295	mg/L
IL0005126	02/28/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		428	mg/L
IL0005126	01/31/2017	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		388	mg/L
IL0005126	12/31/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		326	mg/L
IL0005126	11/30/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		370	mg/L
IL0005126	10/31/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		285	mg/L
IL0005126	09/30/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		273	mg/L
IL0005126	08/31/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		205	mg/L
IL0005126	07/31/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		226	mg/L
IL0005126	06/30/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		184	mg/L
IL0005126	05/31/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		207	mg/L
IL0005126	04/30/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		223	mg/L
IL0005126	03/31/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		180	mg/L
IL0005126	02/29/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		155	mg/L
IL0005126	01/31/2016	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		215	mg/L
IL0005126	12/31/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		47	mg/L
IL0005126	11/30/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		258	mg/L
IL0005126	10/31/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		413	mg/L
IL0005126	09/30/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		328	mg/L
IL0005126	08/31/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		643	mg/L
IL0005126	07/31/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		332	mg/L
IL0005126	06/30/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		301	mg/L
IL0005126	05/31/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		334	mg/L
IL0005126	04/30/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		378	mg/L
IL0005126	03/31/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		720	mg/L
IL0005126	02/28/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		524	mg/L
IL0005126	01/31/2015	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		660	mg/L
IL0005126	12/31/2014	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		521	mg/L
IL0005126	11/30/2014	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		770	mg/L
IL0005126	10/31/2014	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		230	mg/L
IL0005126	09/30/2014	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		227	mg/L
IL0005126	08/31/2014	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		225	mg/L
IL0005126	07/31/2014	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		172	mg/L
IL0005126	06/30/2014	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		580	mg/L
IL0005126	05/31/2014	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		550	mg/L
IL0005126	04/30/2014	001-0	00940-1-0	Chloride [as Cl]	Effluent Gross		420	mg/L
IL0005126	03/31/2014	001-0	01007-1-0	Barium, total [as Ba]	Effluent Gross	.028	.028	mg/L
IL0005126	02/28/2014	001-0	01007-1-0	Barium, total [as Ba]	Effluent Gross	.029	.029	mg/L
IL0005126	01/31/2014	001-0	01007-1-0	Barium, total [as Ba]	Effluent Gross	.026	.026	mg/L
IL0005126	03/31/2014	001-0	01032-1-0	Chromium, hexavalent [as Cr]	Effluent Gross		< .005	mg/L
IL0005126	02/28/2014	001-0	01032-1-0	Chromium, hexavalent [as Cr]	Effluent Gross		< .005	mg/L
IL0005126	01/31/2014	001-0	01032-1-0	Chromium, hexavalent [as Cr]	Effluent Gross		< .005	mg/L
IL0005126	03/31/2014	001-0	01034-1-0	Chromium, total [as Cr]	Effluent Gross		< .005	mg/L
IL0005126	02/28/2014	001-0	01034-1-0	Chromium, total [as Cr]	Effluent Gross		< .005	mg/L
IL0005126	01/31/2014	001-0	01034-1-0	Chromium, total [as Cr]	Effluent Gross		< .001	mg/L
IL0005126	02/28/2019	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.9	.9	mg/L
IL0005126	01/31/2019	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.3	.3	mg/L

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IL0005126	12/31/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.49	.49	mg/L
IL0005126	11/30/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.27	.27	mg/L
IL0005126	10/31/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.26	.26	mg/L
IL0005126	09/30/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.24	.24	mg/L
IL0005126	08/31/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.32	.32	mg/L
IL0005126	07/31/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.51	.51	mg/L
IL0005126	06/30/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.35	.35	mg/L
IL0005126	05/31/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.47	.47	mg/L
IL0005126	04/30/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.35	.35	mg/L
IL0005126	03/31/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.44	.44	mg/L
IL0005126	02/28/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.29	.29	mg/L
IL0005126	01/31/2018	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.17	.17	mg/L
IL0005126	12/31/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.25	.25	mg/L
IL0005126	11/30/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.84	.84	mg/L
IL0005126	10/31/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.41	.41	mg/L
IL0005126	09/30/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.17	.17	mg/L
IL0005126	08/31/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.82	.82	mg/L
IL0005126	07/31/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.1	.1	mg/L
IL0005126	06/30/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.2	.2	mg/L
IL0005126	05/31/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.28	.28	mg/L
IL0005126	04/30/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.48	.48	mg/L
IL0005126	03/31/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	1.1	1.1	mg/L
IL0005126	02/28/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.27	.27	mg/L
IL0005126	01/31/2017	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.23	.23	mg/L
IL0005126	12/31/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.26	.26	mg/L
IL0005126	11/30/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.27	.27	mg/L
IL0005126	10/31/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.43	.43	mg/L
IL0005126	09/30/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	1.13	1.13	mg/L
IL0005126	08/31/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.3	.3	mg/L
IL0005126	07/31/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	1.02	1.02	mg/L
IL0005126	06/30/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.31	.31	mg/L
IL0005126	05/31/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.26	.26	mg/L
IL0005126	04/30/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.35	.35	mg/L
IL0005126	03/31/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.52	.52	mg/L
IL0005126	02/29/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.43	.43	mg/L
IL0005126	01/31/2016	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.22	.22	mg/L
IL0005126	12/31/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.32	.32	mg/L
IL0005126	11/30/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.48	.48	mg/L
IL0005126	10/31/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.54	.54	mg/L
IL0005126	09/30/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.33	.33	mg/L
IL0005126	08/31/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.34	.34	mg/L
IL0005126	07/31/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.62	.62	mg/L
IL0005126	06/30/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.15	.15	mg/L
IL0005126	05/31/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.14	.14	mg/L
IL0005126	04/30/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.22	.22	mg/L
IL0005126	03/31/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.21	.21	mg/L
IL0005126	02/28/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.33	.33	mg/L
IL0005126	01/31/2015	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.28	.28	mg/L
IL0005126	12/31/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.66	.66	mg/L
IL0005126	11/30/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.17	.17	mg/L
IL0005126	10/31/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.48	.48	mg/L
IL0005126	09/30/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.49	.49	mg/L
IL0005126	08/31/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.2	.2	mg/L
IL0005126	07/31/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.62	.62	mg/L
IL0005126	06/30/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.19	.19	mg/L

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IL0005126	05/31/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.25	R 57	mg/L
IL0005126	04/30/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.53		mg/L
IL0005126	03/31/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.3		mg/L
IL0005126	02/28/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.32		mg/L
IL0005126	01/31/2014	001-0	01045-1-0	Iron, total [as Fe]	Effluent Gross	.1		mg/L
IL0005126	03/31/2014	001-0	34694-1-0	Phenol	Effluent Gross	< .01		mg/L
IL0005126	02/28/2014	001-0	34694-1-0	Phenol	Effluent Gross	< .01		mg/L
IL0005126	01/31/2014	001-0	34694-1-0	Phenol	Effluent Gross	< .01		mg/L
IL0005126	03/31/2014	001-Q	00340-1-0	Oxygen demand, chem. [high level] [COD]	Effluent Gross	38		mg/L
IL0005126	12/31/2018	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	09/30/2018	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	06/30/2018	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	03/31/2018	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	NODI B		mg/L
IL0005126	12/31/2017	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	09/30/2017	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	06/30/2017	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	03/31/2017	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	12/31/2016	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	09/30/2016	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	06/30/2016	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	03/31/2016	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	12/31/2015	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	09/30/2015	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	06/30/2015	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	03/31/2015	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	12/31/2014	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	09/30/2014	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	06/30/2014	001-Q	00720-1-0	Cyanide, total [as CN]	Effluent Gross	< .005		mg/L
IL0005126	12/31/2018	001-Q	00948-1-0	Asbestos	Effluent Gross	< .00015		Fib/L
IL0005126	09/30/2018	001-Q	00948-1-0	Asbestos	Effluent Gross	< .00015		Fib/L
IL0005126	06/30/2018	001-Q	00948-1-0	Asbestos	Effluent Gross	< .00015		Fib/L
IL0005126	03/31/2018	001-Q	00948-1-0	Asbestos	Effluent Gross	NODI B		Fib/L
IL0005126	12/31/2017	001-Q	00948-1-0	Asbestos	Effluent Gross	< .00015		Fib/L
IL0005126	09/30/2017	001-Q	00948-1-0	Asbestos	Effluent Gross	< .00015		Fib/L
IL0005126	06/30/2017	001-Q	00948-1-0	Asbestos	Effluent Gross	< .15		Fib/L
IL0005126	03/31/2017	001-Q	00948-1-0	Asbestos	Effluent Gross	< .15		Fib/L
IL0005126	12/31/2016	001-Q	00948-1-0	Asbestos	Effluent Gross	< .00015		Fib/L
IL0005126	09/30/2016	001-Q	00948-1-0	Asbestos	Effluent Gross	< .15		Fib/L
IL0005126	06/30/2016	001-Q	00948-1-0	Asbestos	Effluent Gross	< .15		Fib/L
IL0005126	03/31/2016	001-Q	00948-1-0	Asbestos	Effluent Gross	< .1		Fib/L
IL0005126	12/31/2015	001-Q	00948-1-0	Asbestos	Effluent Gross	< 2		MF/L
IL0005126	09/30/2015	001-Q	00948-1-0	Asbestos	Effluent Gross	< 150000		Fib/L
IL0005126	06/30/2015	001-Q	00948-1-0	Asbestos	Effluent Gross	< .31		Fib/L
IL0005126	03/31/2015	001-Q	00948-1-0	Asbestos	Effluent Gross	< 2		MF/L
IL0005126	12/31/2014	001-Q	00948-1-0	Asbestos	Effluent Gross	< .15		MF/L
IL0005126	09/30/2014	001-Q	00948-1-0	Asbestos	Effluent Gross	< .15		Fib/L
IL0005126	06/30/2014	001-Q	00948-1-0	Asbestos	Effluent Gross	< .0015		Fib/L
IL0005126	12/31/2018	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross			mg/L
IL0005126	09/30/2018	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross	< .01		mg/L
IL0005126	06/30/2018	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross	< .01		mg/L
IL0005126	03/31/2018	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross	NODI B		mg/L
IL0005126	12/31/2017	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross	< .01		mg/L
IL0005126	09/30/2017	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross	< .01		mg/L
IL0005126	06/30/2017	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross	< .01		mg/L
IL0005126	03/31/2017	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross	< .01		mg/L

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IL0005126	12/31/2016	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	R 58mg/L
IL0005126	09/30/2016	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	mg/L
IL0005126	06/30/2016	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	mg/L
IL0005126	03/31/2016	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	mg/L
IL0005126	12/31/2015	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	mg/L
IL0005126	09/30/2015	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	mg/L
IL0005126	06/30/2015	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	mg/L
IL0005126	03/31/2015	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	mg/L
IL0005126	12/31/2014	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	mg/L
IL0005126	09/30/2014	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	mg/L
IL0005126	06/30/2014	001-Q	01002-1-0	Arsenic, total [as As]	Effluent Gross		< .01	mg/L
IL0005126	12/31/2018	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross			mg/L
IL0005126	09/30/2018	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.023	.023	mg/L
IL0005126	06/30/2018	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.041	.041	mg/L
IL0005126	03/31/2018	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.034	.034	mg/L
IL0005126	12/31/2017	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.035	.035	mg/L
IL0005126	09/30/2017	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.03	.03	mg/L
IL0005126	06/30/2017	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.04	.04	mg/L
IL0005126	03/31/2017	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.036	.036	mg/L
IL0005126	12/31/2016	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.03	.03	mg/L
IL0005126	09/30/2016	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.029	.029	mg/L
IL0005126	06/30/2016	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.028	.028	mg/L
IL0005126	03/31/2016	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.017	.017	mg/L
IL0005126	12/31/2015	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.033	.033	mg/L
IL0005126	09/30/2015	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.032	.032	mg/L
IL0005126	06/30/2015	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.019	.019	mg/L
IL0005126	03/31/2015	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.039	.039	mg/L
IL0005126	12/31/2014	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.029	.029	mg/L
IL0005126	09/30/2014	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.359	.359	mg/L
IL0005126	06/30/2014	001-Q	01007-1-0	Barium, total [as Ba]	Effluent Gross	.049	.049	mg/L
IL0005126	12/31/2018	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross			mg/L
IL0005126	09/30/2018	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	06/30/2018	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	03/31/2018	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		NODI B	mg/L
IL0005126	12/31/2017	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	09/30/2017	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	06/30/2017	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	03/31/2017	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	12/31/2016	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	09/30/2016	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	06/30/2016	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	03/31/2016	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	12/31/2015	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	09/30/2015	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	06/30/2015	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	03/31/2015	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	12/31/2014	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	09/30/2014	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	06/30/2014	001-Q	01012-1-0	Beryllium, total [as Be]	Effluent Gross		< .004	mg/L
IL0005126	12/31/2018	001-Q	01027-1-0	Cadmium, total [as Cd]	Effluent Gross			mg/L
IL0005126	09/30/2018	001-Q	01027-1-0	Cadmium, total [as Cd]	Effluent Gross		< .005	mg/L
IL0005126	06/30/2018	001-Q	01027-1-0	Cadmium, total [as Cd]	Effluent Gross		< .005	mg/L
IL0005126	03/31/2018	001-Q	01027-1-0	Cadmium, total [as Cd]	Effluent Gross		NODI B	mg/L
IL0005126	12/31/2017	001-Q	01027-1-0	Cadmium, total [as Cd]	Effluent Gross		< .005	mg/L
IL0005126	09/30/2017	001-Q	01027-1-0	Cadmium, total [as Cd]	Effluent Gross		< .005	mg/L

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IL0005126	06/30/2016	001-Q	39120-1-0	Benzidine	Effluent Gross	< .01	R 95	mg/L
IL0005126	03/31/2016	001-Q	39120-1-0	Benzidine	Effluent Gross	< .01		mg/L
IL0005126	12/31/2015	001-Q	39120-1-0	Benzidine	Effluent Gross	< .01		mg/L
IL0005126	09/30/2015	001-Q	39120-1-0	Benzidine	Effluent Gross	< .01		mg/L
IL0005126	06/30/2015	001-Q	39120-1-0	Benzidine	Effluent Gross	< .01		mg/L
IL0005126	03/31/2015	001-Q	39120-1-0	Benzidine	Effluent Gross	< .01		mg/L
IL0005126	12/31/2014	001-Q	39120-1-0	Benzidine	Effluent Gross	< .01		mg/L
IL0005126	09/30/2014	001-Q	39120-1-0	Benzidine	Effluent Gross	< .01		mg/L
IL0005126	06/30/2014	001-Q	39120-1-0	Benzidine	Effluent Gross	< .01		mg/L
IL0005126	03/31/2014	001-Q	39120-1-0	Benzidine	Effluent Gross	< .01		mg/L
IL0005126	12/31/2018	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	.0049		mg/L
IL0005126	09/30/2018	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	06/30/2018	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	03/31/2018	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	.0036		mg/L
IL0005126	12/31/2017	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	09/30/2017	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	06/30/2017	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	03/31/2017	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	.0069		mg/L
IL0005126	12/31/2016	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	.0041		mg/L
IL0005126	09/30/2016	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	06/30/2016	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	03/31/2016	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	.0044		mg/L
IL0005126	12/31/2015	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	.0028		mg/L
IL0005126	09/30/2015	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	06/30/2015	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	.0034		mg/L
IL0005126	03/31/2015	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	12/31/2014	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	.0028		mg/L
IL0005126	09/30/2014	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	06/30/2014	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	03/31/2014	001-Q	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	12/31/2018	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	09/30/2018	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2018	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	03/31/2018	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2017	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	09/30/2017	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2017	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	03/31/2017	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2016	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	09/30/2016	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2016	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	03/31/2016	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2015	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	09/30/2015	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2015	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	03/31/2015	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	.0067		mg/L
IL0005126	12/31/2014	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	09/30/2014	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2014	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	03/31/2014	001-Q	39180-1-0	Trichloroethylene	Effluent Gross	.0192		mg/L
IL0005126	12/31/2018	001-Q	39300-1-0	4,4'-DDT	Effluent Gross	< .0001		mg/L
IL0005126	09/30/2018	001-Q	39300-1-0	4,4'-DDT	Effluent Gross	< .0001		mg/L
IL0005126	06/30/2018	001-Q	39300-1-0	4,4'-DDT	Effluent Gross	< .0001		mg/L
IL0005126	03/31/2018	001-Q	39300-1-0	4,4'-DDT	Effluent Gross	< .0001		mg/L
IL0005126	12/31/2017	001-Q	39300-1-0	4,4'-DDT	Effluent Gross	< .0001		mg/L

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IL0005126	03/31/2015	001-Q	51044-1-0	1,3-Dichloropropylene	Effluent Gross	< .005	R 104	mg/L
IL0005126	12/31/2014	001-Q	51044-1-0	1,3-Dichloropropylene	Effluent Gross	< .005		mg/L
IL0005126	09/30/2014	001-Q	51044-1-0	1,3-Dichloropropylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2014	001-Q	51044-1-0	1,3-Dichloropropylene	Effluent Gross	< .005		mg/L
IL0005126	03/31/2014	001-Q	51044-1-0	1,3-Dichloropropylene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2018	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross			ng/L
IL0005126	09/30/2018	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	06/30/2018	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	03/31/2018	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	NODI B		ng/L
IL0005126	12/31/2017	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	09/30/2017	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	06/30/2017	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	03/31/2017	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	12/31/2016	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	09/30/2016	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 200		ng/L
IL0005126	06/30/2016	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	03/31/2016	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< .0005		mg/L
IL0005126	12/31/2015	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< .0005		mg/L
IL0005126	09/30/2015	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< .5		ng/L
IL0005126	06/30/2015	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	03/31/2015	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	12/31/2014	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	09/30/2014	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< 500		ng/L
IL0005126	06/30/2014	001-Q	71900-1-0	Mercury, total [as Hg]	Effluent Gross	< .0005		ng/L
IL0005126	12/31/2018	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	09/30/2018	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	06/30/2018	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	03/31/2018	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	12/31/2017	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	09/30/2017	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	06/30/2017	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	03/31/2017	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	12/31/2016	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	09/30/2016	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	06/30/2016	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	03/31/2016	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	12/31/2015	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	09/30/2015	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	06/30/2015	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	03/31/2015	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	12/31/2014	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	09/30/2014	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	06/30/2014	001-Q	79531-1-0	3,4-Benzofluoranthene	Effluent Gross	< .01		mg/L
IL0005126	12/31/2018	002-S	32101-1-0	Dichlorobromomethane	Effluent Gross	< .001		mg/L
IL0005126	06/30/2018	002-S	32101-1-0	Dichlorobromomethane	Effluent Gross	< .001		mg/L
IL0005126	12/31/2017	002-S	32101-1-0	Dichlorobromomethane	Effluent Gross	< .001		mg/L
IL0005126	06/30/2017	002-S	32101-1-0	Dichlorobromomethane	Effluent Gross	< .001		mg/L
IL0005126	12/31/2016	002-S	32101-1-0	Dichlorobromomethane	Effluent Gross	< .001		mg/L
IL0005126	06/30/2016	002-S	32101-1-0	Dichlorobromomethane	Effluent Gross	< .001		mg/L
IL0005126	12/31/2015	002-S	32101-1-0	Dichlorobromomethane	Effluent Gross	< .001		mg/L
IL0005126	06/30/2015	002-S	32101-1-0	Dichlorobromomethane	Effluent Gross	< .001		mg/L
IL0005126	12/31/2014	002-S	32101-1-0	Dichlorobromomethane	Effluent Gross	< .001		mg/L
IL0005126	06/30/2014	002-S	32101-1-0	Dichlorobromomethane	Effluent Gross	< .001		mg/L
IL0005126	12/31/2018	002-S	32102-1-0	Carbon tetrachloride	Effluent Gross	< .005		mg/L
IL0005126	06/30/2018	002-S	32102-1-0	Carbon tetrachloride	Effluent Gross	< .005		mg/L

IL0005126	06/30/2014	003-S	34576-1-0	2-Chloroethyl Vinyl ether, [mixed]	Effluent Gross	< .01	R 116	mg/L
IL0005126	12/31/2018	003-S	34699-1-0	trans-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2018	003-S	34699-1-0	trans-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2017	003-S	34699-1-0	trans-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2017	003-S	34699-1-0	trans-1,3-Dichloropropene	Effluent Gross			mg/L
IL0005126	12/31/2016	003-S	34699-1-0	trans-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2016	003-S	34699-1-0	trans-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2015	003-S	34699-1-0	trans-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2015	003-S	34699-1-0	trans-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2014	003-S	34699-1-0	trans-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2014	003-S	34699-1-0	trans-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2018	003-S	34704-1-0	cis-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2018	003-S	34704-1-0	cis-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2017	003-S	34704-1-0	cis-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2017	003-S	34704-1-0	cis-1,3-Dichloropropene	Effluent Gross			mg/L
IL0005126	12/31/2016	003-S	34704-1-0	cis-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2016	003-S	34704-1-0	cis-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2015	003-S	34704-1-0	cis-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2015	003-S	34704-1-0	cis-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2014	003-S	34704-1-0	cis-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2014	003-S	34704-1-0	cis-1,3-Dichloropropene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2018	003-S	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	06/30/2018	003-S	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	12/31/2017	003-S	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	06/30/2017	003-S	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	12/31/2016	003-S	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	06/30/2016	003-S	39175-1-0	Vinyl chloride	Effluent Gross	.0049		mg/L
IL0005126	12/31/2015	003-S	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	06/30/2015	003-S	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	12/31/2014	003-S	39175-1-0	Vinyl chloride	Effluent Gross	< .002		mg/L
IL0005126	06/30/2014	003-S	39175-1-0	Vinyl chloride	Effluent Gross	.0036		mg/L
IL0005126	12/31/2018	003-S	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2018	003-S	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2017	003-S	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2017	003-S	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2016	003-S	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2016	003-S	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2015	003-S	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2015	003-S	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	12/31/2014	003-S	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L
IL0005126	06/30/2014	003-S	39180-1-0	Trichloroethylene	Effluent Gross	< .005		mg/L

Ammonia Worksheet

Discharger: IMTT- Lemont NPDES: IL0005126 Date: 4/3/19

Receiving Stream: I&M Canal

Calculation of the total ammonia (as N) water quality standard

	pH and temperature values used in calculation			Total ammonia (as N) water quality standard		
	50th %ile	75th %ile	75th %ile	Chronic (50th %ile)	Chronic (75th %ile)	Acute (75th %ile)
Spring/Fall	7.44	7.54	19.0	3.4	3.2	18.7
Summer	7.34	7.44	25.0	2.5	2.3	21.7
Winter	7.43	7.67	8.1	7.0	5.6	15.2

Data Source: AWQMN station H-01, Calumet-Sag Channel, N of Sag Bridge, for the dates Jan. 2009 to Dec. 2013.

Note: Calculation of total ammonia (as N) water quality standards are based on the algorithms found at 35 IAC 302.212(b) and recommended water quality based limits for ammonia are derived pursuant to methodologies outlined at 35 IAC Part 355. Spring/Fall consists of March - May, September - October. Summer consists of June - August. Winter consists of November - February.

Chronic Wasteload Allocation
 $C_e = [C_{ds}(Q_{us} + Q_e) - C_{us}Q_{us}] / Q_e$

Effluent Flow (Q_e): 0.368 cfs (DAF)
 Upstream 7Q10: 0 cfs Source: ISWS map of the Northeastern Region.
 7Q10 for dilution (Q_{us}): 0 cfs

wasteload allocation: spring/fall 3.2 mg/L (based on 75th percentile pH)
 summer 2.3 mg/L (based on 75th percentile pH)
 winter 5.6 mg/L (based on 75th percentile pH)

Acute Wasteload Allocation
 $C_e = S(C_{ds} - C_{us}) + C_{us}$

NO MIXING AVAILABLE DURING 7Q10 LOW-FLOW CONDITIONS

wasteload allocation: spring/fall 18.7 mg/L
 summer 21.7 mg/L
 winter 15.2 mg/L

WQBELs Recommended:	Daily Maximum:	spring/fall	15.0 mg/L**
		summer	15.0 mg/L**
		winter	15.0 mg/L**
	30-day Average:	spring/fall	3.2 mg/L
		summer	2.3 mg/L
		winter	5.6 mg/L
	Weekly Average*:	spring/fall	7.9 mg/L
		summer	5.8 mg/L
		winter	14.0 mg/L

* Note: Weekly average limits are based on the subchronic standard which is defined as 2.5 times the chronic standard at 35 IAC 302.212(b)(3).

** Note: Limited to 15.0 mg/L based on 35 IAC 302.212(a).

From: [Brokaw, Abby](#)
To: [Tsai, Shu-Mei](#)
Subject: RE: NPDES No. IL0063061 IMTT Lemont - Joliet
Date: Friday, May 31, 2019 9:36:48 AM
Attachments: [image003.png](#)
[image004.png](#)
[image022.png](#)
[image005.wmz](#)
[image008.png](#)
[image009.wmz](#)
[image010.png](#)
[image011.wmz](#)
[image012.png](#)

Hi Shu-Mei,

Outfalls 001 and 002 discharge to the Des Plaines River (IL_G-24). 303(d) List/BSC information for the Chicago River is provided below:

- General Use Water
- 1503 cfs of flow upstream during 7Q10 low-flow conditions
- Listed on the draft 2016 Integrated Water Quality Report and 303(d) List as impaired for fish consumption use with potential causes given as mercury and polychlorinated biphenyls, and primary contact use with a potential cause given as fecal coliform. Aquatic life use is fully supported.
- Not a biologically significant stream or given an integrity rating according to 2008 IDNR document *Integrating Multiple Taxa in a Biological Stream Rating System*.
- Subject to enhanced DO standards

Abby Brokaw

Bureau of Water | Water Quality Standards
Illinois Environmental Protection Agency
P: 217-782-3362 | E: Abby.Brokaw@Illinois.gov

From: Tsai, Shu-Mei
Sent: Thursday, May 30, 2019 3:09 PM
To: Brokaw, Abby <Abby.Brokaw@illinois.gov>
Subject: NPDES No. IL0063061 IMTT Lemont - Joliet

Hi, Abby:

Please provide 303(d) List/BSC. Thanks

C

Illinois Environmental Protection Agency

ph: 217-782-0610

fax: 217-782-9891

Shu-Mei.Tsai@Illinois.gov

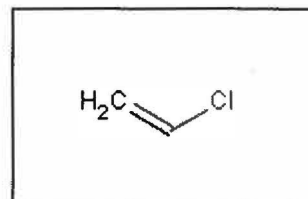
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**Illinois Environmental Protection Agency
Bureau of Water – Water Quality Standards Section**

Vinyl Chloride

CAS: 75-01-4
Water Solubility: 0.11 g/100 mL at 25°C
Log K_{ow}: 1.36



Derived Criteria

Human Health: Where no human health standard is applicable for a chemical substance within General Use waters, a Human Threshold Criterion (HTC) or Human Nonthreshold Criterion (HNC) may be calculated pursuant to 35 IAC 302.642-657. Criteria are derived for surface waters classified as public or food processing water supplies (drinking), as well as surface waters classified as primary contact or general use sources (non-drinking).

Human Health Nonthreshold Criteria

Primary Contact:	1.5 µg/L
General Use:	2 µg/L
Public or Food Processing Water Supply:	0.025 µg/L

Aquatic Life: Where no aquatic life standard is applicable for a chemical substance within General Use waters, acute and chronic criteria may be calculated pursuant to 35 IAC 302.612-630.

Aquatic Life Criteria

General Use Acute:	22,000 µg/L
General Use Chronic:	1,700 µg/L

Human Health Calculations

$$\text{HNC (35 IAC 302.657)} = \text{RAI} / [\text{W} + (\text{F} \times \text{BCF})]$$

$$\text{Oral slope factor} = 1.4 \text{ mg/kg/d (IRIS, 2000)}$$

$$\text{RAI (35 IAC 302.654)} = 70 \text{ kg} \times 10^{-6} / 1.4 \text{ mg/kg/d} = 0.00005 \text{ mg/kg/d}$$

W = 2 L/d for public or food processing water supplies, 0.01 L/d for primary contact waters, and 0.001 L/d for general use waters.

F = Assumed daily fish consumption (0.020 kg/d).

BCF = Aquatic organism bioconcentration factor of 1.17 L/kg from National Recommended Water Quality Criteria (CFR67:79091-79095).

$$\text{Primary Contact} = \frac{0.00005 \text{ mg/kg/d}}{0.01 \text{ L/d} + [(0.02 \text{ kg/d} \times 1.17 \text{ L/kg})]} = 1.5 \text{ } \mu\text{g/L}$$

$$\text{General Use} = \frac{0.00005 \text{ mg/kg/d}}{0.001 \text{ L/d} + [(0.02 \text{ kg/d} \times 1.17 \text{ L/kg})]} = 2 \text{ } \mu\text{g/L}$$

$$\text{Public/Food Processing Supply} = \frac{0.00005 \text{ mg/kg/d}}{2 \text{ L/d} + [(0.02 \text{ kg/d} \times 1.17 \text{ L/kg})]} = 0.025 \text{ } \mu\text{g/L}$$

Aquatic Life Calculations

Acute: Tier II, 35 IAC 302.612(c)

Chronic: Tier II, 35 IAC 302.627(c)(5)

$$\text{AATC} = \text{lowest SMAV} / 10$$

$$\text{CATC} = \text{AATC} \times 2 / 25$$

$$\text{AATC} = 218 \text{ mg/L} / 10 = 22,000 \text{ } \mu\text{g/L}$$

$$\text{CATC} = 43.6 \text{ mg/L} / 25 = 1,700 \text{ } \mu\text{g/L}$$

Table 1. LC50s and resulting SMAVs for vinyl chloride, referenced toxicity values are denoted in superscript.

Species	LC ₅₀ / EC ₅₀ (mg/L)	SMAV (mg/L)	ACR*	Concentration (mg/L)
Water flea <u>Daphnia magna</u>	521	521	-	521 ¹
Fathead minnow <u>Pimephales promelas</u>	218	218	-	218 ²

* Chronic data unavailable

References

1. RMT, Inc. 2000. Findings of the toxicity testing for vinyl chloride as part of the situation specific response plan for ACL exceedences in groundwater. Report to Michigan DEQ
2. RMT, Inc. 2000. Findings of the toxicity testing for vinyl chloride as part of the situation specific response plan for ACL exceedences in groundwater. Report to Michigan DEQ

Notes

Human threshold criteria were calculated but were less stringent than HNC criteria

Derivation History

Derived November 17, 2008

Contact Information

Brian Koch
Water Quality Standards, Bureau of Water
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, IL 62794-9276

Brian.Koch@illinois.gov



Memorandum

DATE: 11 July 2019
TO: Shu-Mei Tsai
FROM: Scott Twait *ST*
SUBJECT: Water Quality Based Effluent Limits
IMTT - Illinois NPDES #IL0005126 (Cook County)

The subject facility discharges to the I&M Canal at a point where 0 cfs, via Outfalls 001 and 002, of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The facility has a DAF of 0.238 MGD for Outfall 001. The I&M Canal is classified as a General Use Water. The I&M Canal is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The I&M Canal, Waterbody Segment, GU, is not listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. The I&M Canal is not subject to enhanced dissolved oxygen standards.

The subject facility discharges to the Cal-Sag Channel at a point where 0 cfs, via Outfall 003, of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The Cal-Sag Channel is classified as a Chicago Area Waterway System Aquatic Life Use A Water. The Cal-Sag Channel is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The Cal-Sag Channel, Waterbody Segment, H-01, is listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List as impaired for indigenous aquatic life use with potential causes given as dissolved oxygen (non-pollutant), iron, phosphorus, and total suspended solids (TSS), and fish consumption use with potential causes given as mercury and polychlorinated biphenyls. Aesthetic quality use is fully supported. The Cal-Sag Channel is not subject to enhanced dissolved oxygen standards.

Cadmium, Chromium (Trivalent), Copper, Lead, Nickel, and Zinc standards are based on hardness data collected at AWQMN station H-01, Calumet-Sag Channel, with a critical hardness value of 210 mg/L as CaCO₃. Water quality standards identified in the table are expressed in units of mg/L except where noted. Dissolved metals standards have been converted to total metal except where noted. All data was provided by the discharger.

Outfall 001

Substance	Max. Eff. Conc.	No. of Samples	Multiply by	95% Potential	Acute Standard	Chronic Standard	302.208(g) standard	Further Analysis?
Arsenic	< 0.01	17	1.4	0.014	0.3600	0.1900	-	No RP*
Barium	0.359	17	1.4	0.5026	-	-	5.0	No RP*
Cadmium	< 0.005	17	1.4	0.007	0.0225	0.0020	-	Yes
Chromium (Hex)	< 0.005	17	1.4	0.007	0.0160	0.0110	-	No RP*
Chromium (Total)	< 0.005	17	1.4	0.007	3.1884	0.3800	-	No RP*

Copper	0.01	17	1.4	0.014	0.0357	0.0223	-	No RP*
Lead	< 0.005	17	1.4	0.007	0.2461	0.0516	-	No RP*
Nickel	0.006	17	1.4	0.0084	0.1546	0.0094	-	No RP*
Phenols	0.019	20	1.4	0.0266	-	-	0.1	No RP*
Silver	< 0.005	17	1.4	0.007	-	-	0.005	Yes
Zinc	0.034	17	1.4	0.0476	0.2291	0.0594	-	No RP*
Selenium	< 0.01	17	1.4	0.014	-	-	1.0	No RP*
Chloride	940	59	1.1	1034	-	-	500.0	Yes
Dichlorobromomethane**	0.001	20	1.4	0.0014	0.0100	0.0010	0.0149	Yes
Chlorodibromomethane**	0.005	20	1.4	0.007	-	-	0.0098	No RP*
Methylene chloride**	0.009	20	1.4	0.0126	17.0	1.4	0.49	No RP*
Tetrachloroethylene**	0.0095	20	1.4	0.0133	1.20	0.15	-	No RP*
1,1-Dichloroethylene**	0.0078	20	1.4	0.0109	3.0	0.24	0.11	No RP*
1,2-Dichloroethane**	0.0113	20	1.4	0.0158	25.0	4.5	0.023	No RP*
Vinyl chloride**	0.0069	20	1.4	0.0097	22.0	1.7	0.002	Yes
Trichloroethylene**	0.0192	20	1.4	0.0269	12.0	0.94	0.026	Yes
gamma-BHC**	0.00005	20	1.4	0.00007	0.00095	-	0.00002	Yes

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

** derived water quality criteria.

Further Analysis:

Cadmium and Silver were not detected in any of the 17 samples. My conclusion is that no regulation of Cadmium and Silver is necessary and that no monitoring beyond the routine requirements is needed.

There is a reasonable potential to exceed the 302.208(g) water quality standard for Chloride. However, IMTT Illinois LLC, Lemont Facility timely filed a Time-Limited Water Quality Standard (TLWQS) for chloride (Case # PCB 2019-017) and is participating in the chloride workgroup for the CAWS dischargers. Since they timely filed, the chloride water quality standard is stayed.

There is no reasonable potential to exceed the acute or human health water quality criteria for Dichlorobromomethane. The average of the Dichlorobromomethane samples times the multiplier ($0.000525 \text{ mg/L} \times 1.4 = 0.0007 \text{ mg/L}$) was less than the chronic water quality criteria. My conclusion is that no regulation of Dichlorobromomethane is necessary and that no monitoring beyond the routine requirements is needed.

There is no reasonable potential to exceed the acute or chronic water quality criteria for Vinyl Chloride. The average of the Vinyl Chloride samples times the multiplier ($0.0022 \text{ mg/L} \times 1.4 = 0.0031 \text{ mg/L}$) was greater than the human health water quality criteria. My recommendation is that a limit for Vinyl Chloride should be incorporated into the NPDES permit at the human health water quality criteria.

There is no reasonable potential to exceed the acute or chronic water quality criteria for Trichloroethylene. The average of the Trichloroethylene samples times the multiplier ($0.0035 \text{ mg/L} \times 1.4 = 0.00525 \text{ mg/L}$) was less than the human health water quality criteria. My conclusion is that no regulation of Trichloroethylene is necessary and that no monitoring beyond the routine requirements is needed.

The gamma-BHC value (0.00005 mg/L) reported by the discharger on the December 2014 DMR has been determined to be an outlier according to the procedure found in the 18th edition of Standard Methods. All other gamma-BHC values were reported as < 0.00005 mg/L. Therefore, there is no reasonable potential to exceed the acute and human health water quality criteria for gamma-BHC. My conclusion is that no regulation of gamma-BHC is necessary and that no monitoring beyond the routine requirements is needed.

Outfall 002

Substance	Max. Eff. Conc.	No. of Samples	Multiply by	95% Potential	Acute Standard	Further Analysis?
Trichlorofluoromethane**	0.005	10	1.7	0.0085	-	No RP*
trans-1,3-Dichloropropene**	0.005	10	1.7	0.0085	-	No RP*
cis-1,3-Dichloropropene**	0.005	10	1.7	0.0085	0.0990	No RP*

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

** derived water quality criteria.

Outfall 003

Substance	Max. Eff. Conc.	No. of Samples	Multiply by	95% Potential	Acute Standard	Further Analysis?
Vinyl chloride**	0.005	10	1.7	0.00833	22.0	No RP*

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

** derived water quality criteria.

Recommendations:

Attached is a copy of the Ammonia Worksheet used to derive the appropriate water quality based effluent limits based on 35 IAC Part 355.

Given the predicted ambient conditions of the I&M Canal near the outfall, as determined using data collected at AWQMN station H-01, Calumet-Sag Channel, N of Sag Bridge, monthly average limits of 3.2 mg/L (spring/fall), 2.3 mg/L (summer), and 5.6 mg/L (winter) are appropriate. The spring/fall, summer, and winter limits are based on 75th percentile pH.

Daily maximum limits of 15.0 mg/L (spring/fall), 15.0 mg/L (summer) and 15.0 mg/L (winter) are recommended. These limits reflect the seasonal acute water quality standards with no mixing allowance since the stream has no flow during 7Q10 conditions.

If applicable, weekly average limits of 7.9 mg/L (spring/fall), 5.8 mg/L (summer), and 14.0 mg/L (winter) are appropriate. These values are based on 2.5 times the chronic limit.

Temperature should continue to be regulated at the 35 Ill. Adm. Code 302.211 water quality standard.

All available data collected by the discharger and the Agency has been evaluated. Because of the number of parameters that were sampled for in the routine monitoring of the permit, those parameters that were not detected were not included in this memorandum.

My evaluation of the metals and other substances given in the first table (Outfall 001) finds that water quality-based permit limit is necessary for Vinyl Chloride at the limit below. Permit limits identified in the table are expressed in units of mg/L.

Substance	12-month rolling average
Vinyl Chloride	0.002

The NPDES permit should include a special condition stating the following:

IMTT Illinois LLC, Lemont Facility (IL0005126) timely filed a Time-Limited Water Quality Standard (TLWQS) for chloride (Case # PCB 2019-017) and is participating in the chloride workgroup for the CAWS dischargers. Since they timely filed, the chloride water quality standard is stayed. IMTT must continue to participate in the workgroup and must comply with the Board Order resulting from the TLWQS (Case # PCB 2019-017).

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

Attachment

cc: Des Plaines Regional Office – Surface Water Manager
Chron

Tsai, Shu-Mei

From: Twait, Scott
Sent: Monday, July 15, 2019 2:50 PM
To: Tsai, Shu-Mei
Subject: IMTT - Illinois NPDES #IL0005126

I forgot to include a condition for continued monitoring for chloride in Outfall 001. The monitoring for chloride should continue.

Thanks,
Scott

Scott Twait
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276
217-782-3362
217-782-9891 (fax)

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Tsai, Shu-Mei

From: Rousey, Michelle
Sent: Tuesday, July 23, 2019 4:27 PM
To: Tsai, Shu-Mei
Subject: RE: IL0005126 IMTT

Iron can be collected as a grab or composite sample. Either way is acceptable.

Michelle Rousey
Quality Assurance Officer, Bureau of Water
Discharge Monitoring Report – QA Coordinator

Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276 (Mail Code 15)
Springfield, IL 62794-9276

(217) 785-3944 – phone
Michelle.Rousey@illinois.gov



From: Tsai, Shu-Mei
Sent: Tuesday, July 23, 2019 3:49 PM
To: Rousey, Michelle <Michelle.Rousey@illinois.gov>
Subject: IL0005126 IMTT

Michelle,

I want to check with you that can the permittee have composite sample type for Iron (total) or they only can have grab?
Thanks

Shu-Mei Tsai,
Environmental Protection Engineer, Industrial Unit
Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency

ph: 217-782-0610
fax: 217-782-9891
Shu-Mei.Tsai@illinois.gov

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Industrial NPDES Permit Review Notes

- I. Permittee:** IMTT Illinois, LLC. **Permit No.** IL0005126
Facility Name: IMTT Illinois, LLC. – Lemont Facility
City: Lemont **County:** Adam
Facility Contact: Larry Newton, Environmental Manager **Phone No.** (630) 257-3960
SIC Code: 4226
Category: Special Ware housing and Storage. Not Elsewhere Classified.
Major **Minor** **New** **Reissued**

Brief description of manufacturing operations and discharge sources:

The applicant is engaged in the operation of a for-hire leasing facility that is comprised of numerous storage tanks for on-shore bulk liquids storage and distribution (SIC 4226). Plant operation results in an average discharge of 0.238 MGD of combined effluent wastewater from outfall 001, 0.0015 MGD of treated sanitary wastewater from internal outfall A01, 0.0015 MGD of treated sanitary wastewater from internal outfall B01, 0.0008 MGD of treated remediation water from internal outfall C01, an intermittent discharge of stormwater runoff from outfall 002, and an intermittent discharge of stormwater runoff from outfall 003.

II. Application Requirements

- Form 1 §122.21(f)
 Form 2C §122.21(g)
 Form 2D §122.21(k)
 Form 2E §122.21(h)
 Form 2F §122.26(c)
 Variance Request §122.21(m)
 Cooling Water Intake Structure Data §122.21(r)

III. Federal Categorical Standards Apply: Yes No

40 CFR 122.26(b)(14)(xi)

IV. Discharge Flow (mgd)

001	Combined Effluent Wastewater	(DAF = 0.238 MGD)
A01	Treated Sanitary Wastewater	(DAF = 0.015 MGD)
B01	Treated Sanitary Wastewater	(DAF = 0.015 MGD)
C01	Treated Remediation Water	(DAF = 0.0008 MGD)
002	Stormwater	(Intermittent Discharge)
003	Stormwater	(Intermittent Discharge)

Source of flow data: Previous Permit

If change from previous permit describe reason: N/A

V. Identification and Characterization of the Receiving Stream:

The subject facility discharges to the Illinois and Michigan Canal at a point where 0 cfs, via Outfalls 001 and 002, of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The Illinois and Michigan Canal is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The Illinois and Michigan Canal, Waterbody Segment, GU, is not listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List Since it has not been assessed. The Illinois and Michigan Canal is not subject to enhanced dissolved oxygen standards.

The subject facility discharges to the Calumet-Sag Channel at a point where 0 cfs, via Outfall 003, of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The Calumet-Sag Channel is not listed

as a biological significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The Calumet-Sag Channel, Waterbody Segment, H-01, is listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List. The Cal-Sag Channel is not subject to enhanced dissolved oxygen standards.

The following parameters have been identified as the pollutants causing impairment:

Designated Uses

Indigenous Aquatic Life Use

Fish Consumption Use

Pollutants Causing Impairment

Dissolved Oxygen (non-Pollutant), Iron, Phosphorus, and Total Suspended Solids (TSS).

Mercury and Polychlorinated Biphenyls (PCB's)

Source of data:

- Water Quality Based Effluent Limit Analysis**
Request Date: Wednesday, October 10, 2018
Received Date: Thursday, July 11, 2019
- Anti-degradation Assessment (If new or expanded discharges)**
Request Date:
Received Date:
- Biomonitoring**
Request Date:
Received Date:

VI. 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
- No Exposure
- Re-opener
- TRC

Additional Special Conditions

VII. Notifications §124.10

- CMAP (Cook, DuPage, Kane, Lake, McHenry, Will)
- DRSCW (Cook, DuPage, Kane, Will)
- GERPDC (Franklin, Gallatin, Hamilton, Hardin, Jackson, Jefferson, Perry, Pope, Saline, Williamson)
- SWIMRPC (Madison, Monroe, St. Clair, Washington)
- Saline Valley Conservancy District (Saline)
- ORSANCO (If discharge to the Ohio River)
- Kentucky (If discharge to the Ohio River)
- Iowa (If discharge the Mississippi River which borders Iowa)
- Missouri (If discharge the Mississippi River which borders Missouri)

Indiana (If discharge to the Wabash River)

VIII. Permit Letters (15-Day)

- Permittee
 - USACE
 - FOS
 - USEPA (if Major)
 - Fee Invoice (if New Permit)
-
-

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

Parameter – conc. · mass	Current Limits		Sec. 304 Limits		Fed. Limits*		WQBEL		Prop. Limits		Mon. Freq Sample Type	Notes or Comments
	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum		
Flow											1/Month Measurement	
pH (min. and max.)											1/Month Grab	35 IAC 302.204
BOD ₅	30	60							30	60	1/Month Grab	35 IAC 304.120
Temperature											1/Month Single Reading	35 IAC 302.211
Total Residual Chlorine		0.05				0.05				0.05	1/Month	35 IAC 302.208 40 CFR 125.3
Total Suspended Solids	30	60							30	60	1/Month Grab	35 IAC 304.120
Oil and Grease	15	30							15	30	1/Month Grab	35 IAC 304.124
Iron (Total)	2	4							2	4	1/Month Composite	35 IAC 304.124
Barium	2	4							2	4	1/Month Grab	35 IAC 304.124
Chloride											1/Month Grab	35 IAC 302.208(g)
Vinyl Chloride											1/Month Grab	35 IAC 302.208(g)
Ammoria											1/Month	35 IAC 302.212
	Spring/Fall						3.2	7.9	15.0	Grab	7.9	15.0
	Summer						2.3	5.8	15.0	2.3	5.8	15.0
	Winter						5.6	14.0	15.0	5.6	14.0	15.0
Dissolved Oxygen											1/Month	35 IAC 302.206
	March – July	5	6								Grab	
	August – February	3.5	4	5.5								
Stormwater												40 CFR 122.26(b)(14)(xi)

There is no benchmark monitoring concentration for Sector P1 : SIC – 4226 Motor Freight Transportation and Warehousing

REF 36

Parameter – conc. mass	Current Limits		Sec. 304 Limits		Fed. Limits*		WQBEL		Prop. Limits		Mon. Freq Sample Type	Notes or Comments
	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum		
Flow											1/Month Grab	
pH (min. and max.)							6.5	9.0	6.5	9.0	1/Month Grab	35 IAC 302.204
BOD ₅	30	60	30	60					30	60	1/Month Grab	35 IAC 304.120
Total Suspended Solids	30	60	30	60					30	60	1/Month Grab	35 IAC 304.120
Fecal Coliform		400/100		400/100						400/100	1/Month	35 IAC 302.209

Parameter – conc. mass	Current Limits		Sec. 304 Limits		Fed. Limits*		WQBEL		Prop. Limits		Mon. Freq Sample Type	Notes or Comments
	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum		
Flow											1/Week Continuous	
pH (min. and max.)											1/Month Grab	35 IAC 302.204
BOD ₅	30	60	30	60					30	60		35 IAC 304.120
Total Suspended Solids	30	60	30	60					30	60		35 IAC 304.120
Fecal Coliform		400/100		400/100						400/100		35 IAC 302.209

Parameter – conc. mass	Current Limits		Sec. 304 Limits		Fed. Limits*		WQBEL		Prop. Limits		Mon. Freq Sample Type	Notes or Comments
	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum		
Flow											1/Week Continuous	
Total Organic Carbon											1/Month Grab	35 IAC 309.146
1,2 Dichloroethane											Grab	35 IAC 309.146

Parameter – conc. mass	Current Limits		Sec. 304 Limits		Fed. Limits*		WQBEL		Prop. Limits		Mon. Freq Sample Type	Notes or Comments
	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum		
Flow											1/Week Continuous	
Volatil Organic Compounds												
SWPPI												40 CFR 122.26(b)(14)(xi)

There is no benchmark monitoring concentration for Sector P1 : SIC – 4226 Motor Freight Transportation and Warehousing

Permit Limits Derivation – Outfall 003

Parameter – conc. mass	Current Limits		Sec. 304 Limits		Fed. Limits*		WQBEL		Prop. Limits		Mon. Freq Sample Type	Notes or Comments
	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum		
Flow											1/Week	
Volatil Organic Compounds											Continuous	
SWPP												40 CFR 122.26(b)(14)(xi)

There is no benchmark monitoring concentration for Sector P1 : SIC – 4226 Motor Freight Transportation and Warehousing



MEMORANDUM

DATE: July 25, 2019

TO: Manager, DWPC/FOS, Des Plaines Region

FROM: Darin LeCrone, Manager, Industrial Unit, Permit Section

DEL/SMT

SUBJECT: IMTT Illinois, LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID# W0311620009
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 Shu-Mei Tsai at 217/782-0610.

Thank you for your cooperation.

DEL:SMT:18101001.smt

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/782-0610

July 25, 2019

Department of the Army
Chicago District
Corps of Engineers
231 South LaSalle Street #1500
Chicago, Illinois 60604

Re: IMTT Illinois, LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID# W0311620009
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 LeCrone, P.E.
Manager, Industrial Unit, Permit Section
Division of Water Pollution Control

DEL:SMT:18101001.smt

Attachment: Public Notice/Fact Sheet

cc: Records Unit

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/782-0610

July 25, 2019

IMTT Illinois LLC
13589 Main Street
Lemont, Illinois 60439

Re: IMTT Illinois LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID# W0311620009
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 Shu-Mei Tsai at 217/782-0610.

Sincerely,

A handwritten signature in black ink that reads "Darin LeCrone" followed by a stylized monogram.

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

DEL:SMT:18101001.smt

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit
Compliance Assurance Section

DRAFT

NPDES Permit No. IL0005126
 Notice No. SMT:18101001.smt

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:

IMTT Illinois
 13589 Main Street
 Lemont, Illinois 60439

Name and Address of Facility:

IMTT Illinois – Lemont Facility
 13589 Main Street
 Lemont, Illinois 60439
 (Cook 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 Shu-Mei Tsai at 217/782-0610.

The applicant is engaged in the operation of a for-hire leasing facility that is comprised of numerous storage tanks for on-shore bulk liquids storage and distribution (SIC 4226). Plant operation results in an average discharge of 0.238 MGD of combined effluent wastewater from outfall 001, 0.0015 MGD of treated sanitary wastewater from internal outfall A01, 0.0015 MGD of treated sanitary wastewater from internal outfall B01, 0.0008 MGD of treated remediation water from internal outfall C01, an intermittent discharge of stormwater runoff from outfall 002, and an intermittent discharge of stormwater runoff from outfall 003.

Public Notice/Fact Sheet -- Page 2 -- NPDES Permit No. IL0005126

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

Outfall	Receiving Water	Latitude	Longitude	Waters Classification	Biological Waters Characterization
001	Illinois and Michigan Canal	41° 41' 36.59"	North 87° 57' 10.87" West	General Use	Not Rated
002	Illinois and Michigan Canal	41° 41' 33.53"	North 87° 57' 19.62" West	General Use	Not Rated
003	Calumet Sag Channel	41° 41' 36.24"	North 87° 56' 37.66" West	Chicago Area Waterway System Aquatic Life Use A Water.	Not Rated

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

The subject facility discharges to the Illinois and Michigan Canal at a point where 0 cfs, via Outfalls 001 and 002, of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The Illinois and Michigan Canal is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The Illinois and Michigan Canal, Waterbody Segment, GU, is not listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. The Illinois and Michigan Canal is not subject to enhanced dissolved oxygen standards.

The subject facility discharges to the Calumet-Sag Channel at a point where 0 cfs, via Outfall 003, of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The Calumet-Sag Channel is not listed as a biological significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The Calumet-Sag Channel, Waterbody Segment, H-01, is listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List. The Cal-Sag Channel is not subject to enhanced dissolved oxygen standards.

The following parameters have been identified as the pollutants causing impairment:

<u>Designated Uses</u>	<u>Pollutants Causing Impairment</u>
Indigenous Aquatic Life Use	Dissolved Oxygen (non-Pollutant), Iron, Phosphorus, and Total Suspended Solids (TSS).
Fish Consumption Use	Mercury and Polychlorinated Biphenyls (PCB's)

The discharges from the facility shall be monitored and limited at all times as follows:

Outfall 001 Combined Effluent Wastewater (DAF = 0.238 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)						
pH						35 IAC 302.204
BOD ₅				30	60	35 IAC 304.120
Temperature						35 IAC 302.211
Total Residual Chlorine					0.05	35 IAC 302.208 40 CFR 125.3
Total Suspended Solids				30	60	35 IAC 304.120

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PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l			REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM		
Oil and Grease				15	30		35 IAC 304.124
Iron (Total)				2	4		35 IAC 304.124
Barium				2	4		35 IAC 304.124
Chloride				Monitor Only			35 IAC 302.208(g)
Vinyl Chloride					0.002		35 IAC 302.208(g)
Ammonia				30 day Average	Weekly Average	Daily Maximum	35 IAC 302.212
March – May				3.2	7.9	15.0	
September - October							
June – August				2.3	5.8	15.0	
November - February				5.6	14.0	15.0	
Dissolved Oxygen				Monthly Average not less than	Weekly Average not less than	Daily Minimum	35 IAC 302.206
March – July				5	6		
August – February				3.5	4	5.5	
Stormwater							40 CFR 122.26(b)(14)(xi)
Outfall A01 Treated Sanitary Wastewater (DAF = 0.015 MGD)							
Flow (MGD)							
pH							35 IAC 302.204
BOD ₅	3.75	7.50		30	60		35 IAC 304.120
Total Suspended Solids	3.75	7.50		30	60		35 IAC 304.120
Fecal Coliform					400/100 ml		35 IAC 302.209
Outfall B01 Treated Sanitary Wastewater (DAF = 0.015 MGD)							
Flow (MGD)							
pH							35 IAC 302.204
BOD ₅	3.75	7.50		30	60		35 IAC 304.120
Total Suspended Solids	3.75	7.50		30	60		35 IAC 304.120
Fecal Coliform					400/100 ml		35 IAC 302.209

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Outfall C01 Treated Remediation Water (DAF = 0.0008 MGD)						
Flow (MGD)						
Total Organic Carbon				Monitor Only		35 IAC 309.146
1,2 Dichloroethane				Monitor Only		35 IAC 309.146
Outfall 002 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Volatile Organic Compounds				Monitor Only		35 IAC 309.146
Stormwater						40 CFR 122.26(b)(14)(xi)
Outfall 003 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Volatile Organic Compounds				Monitor Only		35 IAC 309.146
Stormwater						40 CFR 122.26(b)(14)(xi)

Load Limit Calculations:

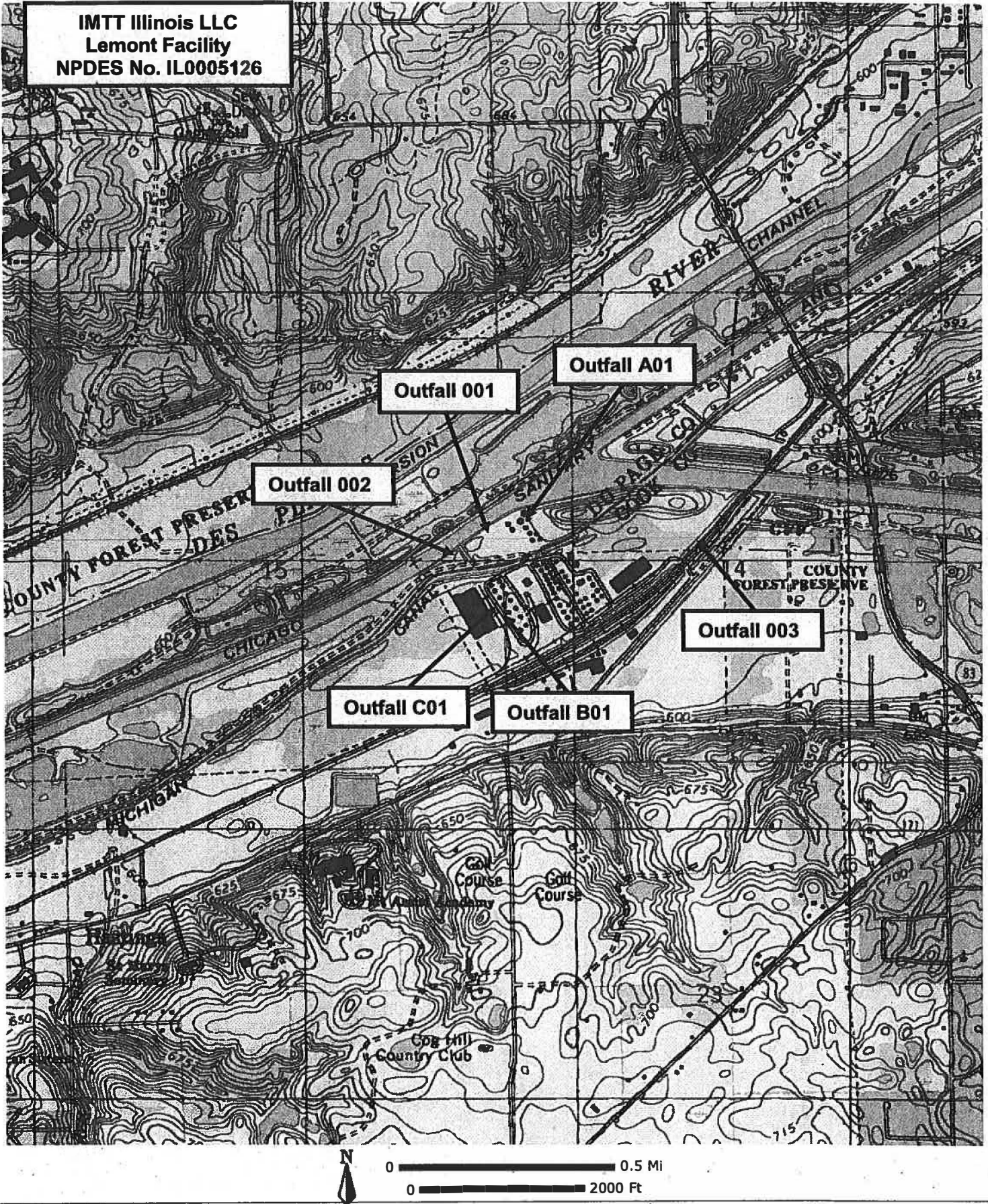
- A. Outfall A01, load limit calculations for the following pollutant parameters were based on a design average flow of 0.015 MGD and using the formula of average or maximum flow (MGD) X concentration limit (mg/l) X 8.34 = the average or maximum load limit (lbs/day): BOD₅ and Total Suspended Solids.
- B. Outfall B01, load limit calculations for the following pollutant parameters were based on a design average flow of 0.015 MGD and using the formula of average or maximum flow (MGD) X concentration limit (mg/l) X 8.34 = the average or maximum load limit (lbs/day): BOD₅ and Total Suspended Solids.

The load limits appearing in the permit will be the more stringent of the State and Federal Guidelines.

The following explain the conditions of the proposed permit:

The Special Conditions clarify flow, pH, temperature, Total Residual Chlorine, monitoring location, discharge monitoring report submission, Class K Operator, 126 priority pollutants, and stormwater.

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NPDES Permit No. IL0005126

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:

Modification Date:

Name and Address of Permittee:

IMTT Illinois
13589 Main Street
Lemont, Illinois 60439

Facility Name and Address:

IMTT Illinois – Lemont Facility
13589 Main Street
Lemont, Illinois 60439
(Cook County)

Discharge Number and Name:

001 Combined Effluent Wastewater
A01 Treated Sanitary Wastewater
B01 Treated Sanitary Wastewater
C01 Treated Remediation Water
002 Stormwater Runoff
003 Stormwater Runoff

Receiving Waters:

Illinois and Michigan Canal

Illinois and Michigan Canal
Calumet Sag Channel

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.

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

DEL:SMT:18101001.smt

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 001 Combined Effluent Wastewater (DAF = 0.238 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L			SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM			
The discharge consists of:							
1. Boiler Blowdown							
2. Water Softener Backflush							
3. Reverse Osmosis Reject							
4. Laboratory Waste							
5. Treated Sanitary Wastewater (A01 and B01)							
6. Safety Shower Test Water							
7. Fire Hose Hydrostatic Water							
8. Air Compressor Cooling Water							
9. Vehicle Washdown							
10. Tank Hydrostatic Test Water							
11. Stormwater Runoff*							
12. Scrubber Water							
13. Remediation Water (C01)							
14. Tank Steam Condensate							
Flow (MGD)	See Special Condition 1					1/Month	Measurement
pH	See Special Condition 2					1/Month	Grab
BODs			30	60		1/Month	Grab
Temperature	See Special Condition 3.					1/Month	Single Reading
Total Residual Chlorine	See Special Condition 4.			0.05		1/Month	Grab
Total Suspended Solids			30	60		1/Month	Grab
Oil and Grease			15	30		1/Month	Grab
Iron (Total)			2	4		1/Month	Composite
Chloride			Monitor Only			1/Month	Grab
Vinyl Chloride				0.002		1/Month	Grab
Ammonia			30 Day Average	Weekly Average	Daily Maximum	1/Month	Grab
	Spring/Fall		3.2	7.9	15.0		
	Summer		2.3	5.8	15.0		
	Winter		5.6	14.0	15.0		
Dissolved Oxygen			Monthly Average not less than	Weekly Average not less than	Daily Minimum	1/Month	Grab
	March – July		5	6			
	August – February		3.5	4	5.5		
Stormwater	See Special Condition 12						

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NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall A01 Treated Sanitary Wastewater (DAF = 0.015 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
BOD ₅	3.75	7.50	30	60	1/Month	Grab
Total Suspended Solids	3.75	7.50	30	60	1/Month	Grab
Fecal Coliform	See Special Condition 5.			400/100 ml	1/Month	Grab

See Special Condition 13

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall B01 Treated Sanitary Wastewater (DAF = 0.015 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
BOD ₅	3.75	7.50	30	60	1/Month	Grab
Total Suspended Solids	3.75	7.50	30	60	1/Month	Grab
Fecal Coliform	See Special Condition 5.			400/100ml	1/Month	Grab

See Special Condition 13

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NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall C01 Remediation Water* (DAF = 200 gpd)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
Total Organic Carbon			Monitor Only		1/Quarter**	Grab
1,2 Dichloroethane			Monitor Only		1/Quarter**	Grab

* - See Special Condition 14.

** - See Special Condition 15.

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 002 Stormwater (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				2/Year	Measure
Volatile Organic Compounds	See Special Condition 16.		Monitor Only		2/Year	Grab
Stormwater	See Special Condition 12.					

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NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Outfall 003 Stormwater (Intermittent Discharge)						
Flow (MGD)	See Special Condition 1.				2/Year	Measure
Volatile Organic Compounds	See Special Condition 16.		Monitor Only		2/Year	Grab
Stormwater	See Special Condition 12.					

NPDES Permit No. IL0005126

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum on the Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.5 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. This facility is not allowed any mixing with the receiving stream in order to meet applicable water quality thermal limitations. Therefore, discharge of wastewater from this facility must meet the following thermal limitations prior to discharge into the receiving stream.

A. The discharge must not exceed the maximum limits in the following table during more than one percent of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature of the discharge exceed the maximum limits in the following table by more than 1.7° C (3° F).

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
°F	60	60	60	90	90	90	90	90	90	90	90	60
°C	16	16	16	32	32	32	32	32	32	32	32	16

B. In addition, the discharge shall not cause abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.

C. The discharge shall not cause the maximum temperature rise above natural temperatures to exceed 2.8° C (5° F).

D. The monthly maximum value shall be reported on the DMR form.

SPECIAL CONDITION 4. All samples for Total Residual Chlorine shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration. Any analytical variability of the method used shall be considered when determining the accuracy and precision of the results obtained.

SPECIAL CONDITION 5. The daily maximum fecal coliform count shall not exceed 400 per 100 ml.

SPECIAL CONDITION 6. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic 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 is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <https://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/Pages/quick-answer-guide.aspx>

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver 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

SPECIAL CONDITION 7. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 8. 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.

NPDES Permit No. IL0005126

Special Conditions

DRAFT

SPECIAL CONDITION 9. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 10. In the event the permittee shall require the use of water treatment additives other than those previously approved by the Agency, or if the permittee increases the feed rate or quantity of the additives used beyond what has previously been approved by the Agency, the permittee shall request a modification of this permit in accordance with the Standard Conditions - Attachment H.

SPECIAL CONDITION 11. 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 12.STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

A. A storm water pollution prevention plan shall be maintained by the permittee for the storm water associated with industrial activity at this facility. The plan shall identify potential sources of pollution which may be expected to affect the quality of storm water discharges associated with the industrial activity at the facility. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with industrial activity at the facility and to assure compliance with the terms and conditions of this permit. The permittee shall modify the plan if substantive changes are made or occur affecting compliance with this condition.

1. Waters not classified as impaired pursuant to Section 303(d) of the Clean Water Act.

Unless otherwise specified by federal regulation, the storm water pollution prevention plan shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event.

2. Waters classified as impaired pursuant to Section 303(d) of the Clean Water Act

For any site which discharges directly to an impaired water identified in the Agency's 303(d) listing, and if any parameter in the subject discharge has been identified as the cause of impairment, the storm water pollution prevention plan shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event. If required by federal regulations, the storm water pollution prevention plan shall adhere to a more restrictive design criteria.

B. The operator or owner of the facility shall make a copy of the plan available to the Agency at any reasonable time upon request.

Facilities which discharge to a municipal separate storm sewer system shall also make a copy available to the operator of the municipal system at any reasonable time upon request.

C. The permittee may be notified by the Agency at any time that the plan does not meet the requirements of this condition. 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 may affect the discharge of significant quantities of pollutants to the waters of the State or if a facility inspection required by paragraph H of this 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 objective of controlling pollutants in storm water discharges. Amendments to the plan shall be made within 30 days of any proposed construction or operational changes at the facility, and shall be provided to the Agency for review upon request.

E. 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 storm water outfalls at the facility. The plan shall include, at a minimum, the following items:

1. 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 a municipal storm drain system or other water body. The requirements of this paragraph may be included on the site map if appropriate. Any map or portion of map may be withheld for security reasons.

2. A site map showing:

- i. The storm water conveyance and discharge structures;

- ii. An outline of the storm water drainage areas for each storm water discharge point;

NPDES Permit No. IL0005126

Special Conditions

- iii. Paved areas and buildings;
 - iv. Areas used for outdoor manufacturing, storage, or disposal of significant materials, including activities that generate significant quantities of dust or particulates.
 - v. Location of existing storm water structural control measures (dikes, coverings, detention facilities, etc.);
 - vi. Surface water locations and/or municipal storm drain locations
 - vii. Areas of existing and potential soil erosion;
 - viii. Vehicle service areas;
 - ix. Material loading, unloading, and access areas.
 - x. Areas under items iv and ix above may be withheld from the site for security reasons.
3. A narrative description of the following:
- i. The nature of the industrial 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;
 - ii. Materials, equipment, and vehicle management practices employed to minimize contact of significant materials with storm water discharges;
 - iii. Existing structural and non-structural control measures to reduce pollutants in storm water discharges;
 - iv. Industrial storm water discharge treatment facilities;
 - v. Methods of onsite storage and disposal of significant materials.
4. A list of the types of pollutants that have a reasonable potential to be present in storm water discharges in significant quantities. Also provide a list of any pollutant that is listed as impaired in the most recent 303(d) report.
5. 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.
6. A summary of existing sampling data describing pollutants in storm water discharges.
- F. 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:
1. Storm Water Pollution Prevention Personnel - Identification by job titles of the individuals who are responsible for developing, implementing, and revising the plan.
 2. Preventive Maintenance - Procedures for inspection and maintenance of storm water conveyance system 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.
 3. Good Housekeeping - Good housekeeping requires the maintenance of clean, orderly facility areas that discharge storm water. Material handling areas shall be inspected and cleaned to reduce the potential for pollutants to enter the storm water conveyance system.
 4. 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 cleanup equipment and procedures should be identified, as appropriate. Internal notification procedures for spills of significant materials should be established.
 5. 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:~~
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NPDES Permit No. IL0Q05126

DRAFT

Special Conditions

- i. Containment - Storage within berms or other secondary containment devices to prevent leaks and spills from entering storm water runoff. To the maximum extent practicable storm water discharged from any area where material handling equipment or activities, raw material, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water should not enter vegetated areas or surface waters or infiltrate into the soil unless adequate treatment is provided.
 - ii. Oil & Grease Separation - Oil/water separators, booms, skimmers or other methods to minimize oil contaminated storm water discharges.
 - iii. Debris & Sediment Control - Screens, booms, sediment ponds or other methods to reduce debris and sediment in storm water discharges.
 - iv. 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.
 - v. Storm Water Diversion - Storm water diversion away from materials manufacturing, storage and other areas of potential storm water contamination. Minimize the quantity of storm water entering areas where material handling equipment or activities, raw material, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water using green infrastructure techniques where practicable in the areas outside the exposure area, and otherwise divert storm water away from exposure area.
 - vi. Covered Storage or Manufacturing Areas - Covered fueling operations, materials manufacturing and storage areas to prevent contact with storm water.
 - vii. Storm Water Reduction - Install vegetation on roofs of buildings within adjacent to the exposure area to detain and evapotranspire runoff where precipitation falling on the roof is not exposed to contaminants, to minimize storm water runoff; capture storm water in devices that minimize the amount of storm water runoff and use this water as appropriate based on quality.
6. 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. The plan shall describe measures to limit erosion.
7. 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.
8. Inspection Procedures - Qualified plant personnel shall be identified to inspect designated equipment and plant 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.
- G. Non-Storm Water Discharge - The plan shall include a certification that the discharge has been tested or evaluated for the presence of non-storm water discharge. The certification shall include a description of any test for the presence of non-storm water discharges, the methods used, the dates of the testing, and any onsite 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.
- H. Quarterly Visual Observation of Discharges - The requirements and procedures for quarterly visual observations are applicable to all outfalls covered by this condition.
1. You must perform and document a quarterly visual observation of a storm water discharge associated with industrial activity from each outfall. The visual observation must be made during daylight hours. If no storm event resulted in runoff during daylight hours from the facility during a monitoring quarter, you are excused from the visual observations requirement for that quarter, provided you document in your records that no runoff occurred. You must sign and certify the document.
 2. Your visual observation must be made on samples collected as soon as practical, but not to exceed 1 hour or when the runoff or snow melt begins discharging from your facility. All samples must be collected from a storm event discharge that is greater than 0.1 inch in magnitude and that occurs at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event. The observation must document: color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution. If visual observations indicate any unnatural color, odor, turbidity, floatable material, oil sheen or other indicators of storm water pollution, the permittee shall obtain a sample and monitor for the parameter or the list of pollutants in Part E.4.
 3. You must maintain your visual observation reports onsite with the SWPPP. The report must include the observation date and time, inspection personnel, nature of the discharge (i.e., runoff or snow melt), visual quality of the storm water discharge

NPDES Permit No. IL0005126

Special Conditions

(including observations of color, odor, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution), and probable sources of any observed storm water contamination.

4. You may exercise a waiver of the visual observation requirement at a facility that is inactive or unstaffed, as long as there are no industrial materials or activities exposed to storm water. If you exercise this waiver, you must maintain a certification with your SWPPP stating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to storm water.
5. Representative Outfalls - If your facility has two or more outfalls that you believe discharge substantially identical effluents, based on similarities of the industrial activities, significant materials, size of drainage areas, and storm water management practices occurring within the drainage areas of the outfalls, you may conduct visual observations of the discharge at just one of the outfalls and report that the results also apply to the substantially identical outfall(s).
6. The visual observation documentation shall be made available to the Agency and general public upon written request.
- I. The permittee shall conduct an annual facility inspection 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 industrial storm water discharges are accurate. Observations that require a response and the appropriate response to the observation shall be retained as part of the plan. Records documenting significant observations made during the site inspection shall be submitted to the Agency in accordance with the reporting requirements of this permit.
- J. This 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 there under, and Best Management Programs under 40 CFR 125.100.
- K. The plan is considered a report that shall be available to the public at any reasonable time upon request.
- L. 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.
- M. Facilities which discharge storm water associated with industrial activity to municipal separate storm sewers may also be subject to additional requirement imposed by the operator of the municipal system

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).

- N. If any statement or representation is found to be incorrect, this authorization may be revoked and the permittee there upon waives all rights there under.
- O. 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.
- P. Plans and specifications of all treatment equipment being included as part of the stormwater management practice shall be included in the SWPPP.
- Q. Construction activities which result from treatment equipment installation, including clearing, grading and excavation activities which result in the disturbance of one acre or more of land area, are not covered by this authorization. The permittee shall contact the IEPA regarding the required permit(s).

REPORTING

- R. The facility shall submit an electronic copy of the annual inspection report to the Illinois Environmental Protection Agency at epa.npdes.inspection@illinois.gov. The report shall include results of the annual facility inspection which is required by Part I of this condition. The report 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). The annual inspection report is considered a public document that shall be available at any reasonable time upon request.

NPDES Permit No. IL0005126

Special Conditions

DRAFT

- S. The first report shall contain information gathered during the one year time period beginning with the effective date of coverage under this permit and shall be submitted no later than 60 days after this one year period has expired. Each subsequent report shall contain the previous year's information and shall be submitted no later than one year after the previous year's report was due.
- T. If the facility performs inspections more frequently than required by this permit, the results shall be included as additional information in the annual report.
- U. The permittee shall retain the annual inspection report on file at least 3 years. This period may be extended by request of the Illinois Environmental Protection Agency at any time.
- V. Annual inspection reports shall be submitted to one of the following addresses:
- Electronic Quarterly Reports should be submitted to
epa.indannualinsp@illinois.gov
 - If electronic submittal is unavailable, reports should be mailed to:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section, Mail Code #19
Annual Inspection Report
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
- W. The permittee shall notify any regulated small municipal separate storm sewer owner (MS4 Community) that they maintain coverage under an individual NPDES permit. The permittee shall submit any SWPPP or any annual inspection to the MS4 community upon request by the MS4 community.

SPECIAL CONDITION 13. Discharges from the sanitary waste treatment systems (Internal Outfalls A01 and B01) shall be sampled prior to entry into the on-site ditch tributary to the settling pond.

SPECIAL CONDITION 14. Discharges from the remediation system (Internal Outfall C01) shall be sampled prior to mixing with any other discharges associated with Outfall 001.

SPECIAL CONDITION 15. Sampling for Internal Outfall C01 shall occur at the same time as the sampling listed in Special Condition 12 and shall be submitted in accordance with Special Condition 12.

SPECIAL CONDITION 16. The permittee shall sample the effluent from Outfalls 002 and 003 on a semi-annual basis for all Volatile Organic Compounds covered by 40 CFR 136 Appendix A, Methods 624 and 625. All sample results shall be submitted on a semi-annual basis with the June and December Discharge Monitoring Reports to the address indicated in Special Condition 6.

If the results of this sampling indicate that additional monitoring requirements or limitations are necessary, the Agency may modify the permit following public notice and opportunity for comment.

SPECIAL CONDITION 17. IMTT Illinois LLC, Lemont Facility (IL0005126) timely filed a Time-Limited Water Quality Standard (TLWQS) for chloride (Case # PCB 2019-017) and is participating in the chloride workgroup for the CAWS dischargers. Since the permittee timely filed, the chloride water quality standard is stayed. IMTT must continue to participate in the workgroup and must comply with the Board Order resulting from the TLWQS (Case # PCB 2019-017).

Standard Conditions

Definitions

4-Hour Composite Sample means a combination of at least 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.

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 5 minutes.

4-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.

- (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:
- 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;
 - Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
 - 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.**
- Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - 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.
 - Records of monitoring information shall include:
 - The date, exact place, and time of sampling or measurements;
 - The individual(s) who performed the sampling or measurements;
 - The date(s) analyses were performed;
 - The individual(s) who performed the analyses;
 - The analytical techniques or methods used; and
 - The results of such analyses.
 - 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.
- Application.** All permit applications shall be signed as follows:
 - 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;
 - For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
 - For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
 - 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:
 - The authorization is made in writing by a person described in paragraph (a); and
 - 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
 - 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.**
- 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:
 - 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
 - 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).
 - 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.
 - 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.
 - Transfers.** This permit is not transferable to any person except after notice to the Agency.
 - 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 15 days following each schedule date.
 - Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
 - Monitoring results must be reported on a Discharge Monitoring Report (DMR).

- (2) If the permittee exceeds any limitation 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).

- (1) Bypass is prohibited, and the Agency may take enforcement action against a permittee if 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, 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 an 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)

33A

IMTT-Ilinois

A PARTNERSHIP

Lemont Facility

13589 Main Street Lemont, IL 60439
Phone (630) 257-6222 Fax (630) 257-7135

Joliet Facility

24420 W. Durkee Road Channahon, IL 60410
Phone (815) 423-2500 Fax (815) 423-2525

July 31, 2019

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Attn: NPDES PN Clerk
1021 North Grand Ave East
PO 19276
Springfield IL 62794-9276

RECEIVED

AUG 02 2019

IEPA/CAS

Re: IMTT Illinois LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID # W0311620009
Draft Permit

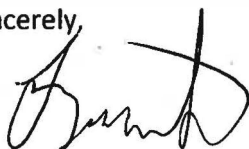
Gentlemen:

I have reviewed the draft NPDES permit referenced above that we've recently received. IMTT Illinois respectfully objects to the inclusion in the draft permit of the vinyl chloride concentration limit of 0.002 mg/L as a daily maximum limit.

The regulation stated as justification in the draft permit for inclusion of this parameter is 35 IAC 302.208(g). However, vinyl chloride is not listed as a constituent of concern in that section of the administrative code. In fact, I cannot find any reference to vinyl chloride in this section of the code. Therefore, I do not believe it is appropriate or necessary to include this parameter's concentration limit in the final permit.

I would be happy to discuss this issue further, should you wish to comment. I can be reached by phone at 630-257-3960 or by email at larrynewton@imtt.com and I look forward to hearing from you.

Sincerely,



Larry Newton
Environmental Manager

RECEIVED
AUG 20 2019

IEPA
BOW/WPC/PERMIT SECTION

Executive Office

321 St. Charles Avenue, New Orleans, LA 70130 (U.S.A.)
Phone (504) 586-8300 Fax (504) 525-9537

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

Permittee: IMTT Illinois - Lemont Facility

Page 1 of 1

Permit: IL0005126

Reviewed By: Shu-Mei Tsai

Date: Friday, August 16, 2019

15-Day Notice Review Notes:

The Agency did not receive any comments during the 15-Day Notice Period.

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) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/782-0610

August 20, 2019

IMTT Illinois, LLC
13589 Main Street
Lemont, Illinois 60439

Re: IMTT Illinois, LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID# W0311620009
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 Shu-Mei Tsai at 217/782-0610 or the address listed above.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink that reads "Darin C. LeCrone" followed by a stylized flourish.

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

DEL:SMT:18101001.smt

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit
Compliance Assurance Section
Des Plaines Region
CMAP
DRSCW

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217782-0610

August 20, 2019

Municipal Clerk
418 Main Street
Lemont, Illinois 60439

Re: IMTT Illinois, LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID# W0311620009
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 LeCrone, P.E.
Manager, Industrial Unit, Permit Section
Division of Water Pollution Control

DEL:SMT:18101001.smt

Attachments: Public Notice/Fact Sheet, Post Card

cc: Records Unit



217/782-0610

August 20, 2019

Mr. Edward Karecki
U.S. Fish & Wildlife Service
Chicago Illinois Field Office
230 South Dearborn Street, Suite 2938
Chicago, Illinois 60604

Re: IMTT Illinois, LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID# W0311620009

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

DEL:SMT:18101001.smt

Attachment: Public Notice/Fact Sheet

cc: Records Unit

NPDES Permit No. IL0005126
Notice No. SMT:18101001.smt

Public Notice Beginning Date: **August 20, 2019**

Public Notice Ending Date: **September 19, 2019**

**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:

IMTT Illinois
13589 Main Street
Lemont, Illinois 60439

Name and Address of Facility:

IMTT Illinois – Lemont Facility
13589 Main Street
Lemont, Illinois 60439
(Cook 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 Shu-Mei Tsai at 217/782-0610.

The applicant is engaged in the operation of a for-hire leasing facility that is comprised of numerous storage tanks for on-shore bulk liquids storage and distribution (SIC 4226). Plant operation results in an average discharge of 0.238 MGD of combined effluent wastewater from outfall 001, 0.0015 MGD of treated sanitary wastewater from internal outfall A01, 0.0015 MGD of treated sanitary wastewater from internal outfall B01, 0.0008 MGD of treated remediation water from internal outfall C01, an intermittent discharge of stormwater runoff from outfall 002, and an intermittent discharge of stormwater runoff from outfall 003.

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

Outfall	Receiving Water	Latitude	Longitude	Waters Classification	Biological Waters Characterization
001	Illinois and Michigan Canal	41° 41' 36.59"	North 87° 57' 10.87" West	General Use	Not Rated
002	Illinois and Michigan Canal	41° 41' 33.53"	North 87° 57' 19.62" West	General Use	Not Rated
003	Calumet Sag Channel	41° 41' 36.24"	North 87° 56' 37.66" West	Chicago Area Waterway System Aquatic Life Use A Water.	Not Rated

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

The subject facility discharges to the Illinois and Michigan Canal at a point where 0 cfs, via Outfalls 001 and 002, of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The Illinois and Michigan Canal is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The Illinois and Michigan Canal, Waterbody Segment, GU, is not listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. The Illinois and Michigan Canal is not subject to enhanced dissolved oxygen standards.

The subject facility discharges to the Calumet-Sag Channel at a point where 0 cfs, via Outfall 003, of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The Calumet-Sag Channel is not listed as a biological significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The Calumet-Sag Channel, Waterbody Segment, H-01, is listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List. The Cal-Sag Channel is not subject to enhanced dissolved oxygen standards.

The following parameters have been identified as the pollutants causing impairment:

Designated Uses	Pollutants Causing Impairment
Indigenous Aquatic Life Use	Dissolved Oxygen (non-Pollutant), Iron, Phosphorus, and Total Suspended Solids (TSS).
Fish Consumption Use	Mercury and Polychlorinated Biphenyls (PCB's)

The discharges from the facility shall be monitored and limited at all times as follows:

Outfall 001 Combined Effluent Wastewater (DAF = 0.238 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)						
pH						35 IAC 302.204
BOD ₅				30	60	35 IAC 304.120
Temperature						35 IAC 302.211
Total Residual Chlorine					0.05	35 IAC 302.208 40 CFR 125.3
Total Suspended Solids				30	60	35 IAC 304.120

Public Noticed

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l			REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM		
Oil and Grease				15	30		35 IAC 304.124
Iron (Total)				2	4		35 IAC 304.124
Barium				2	4		35 IAC 304.124
Chloride				Monitor Only			35 IAC 302.208(g)
Vinyl Chloride					0.002		35 IAC 302.208(g)
Ammonia				30 day Average	Weekly Average	Daily Maximum	35 IAC 302.212
March – May				3.2	7.9	15.0	
September - October							
June – August				2.3	5.8	15.0	
November - February				5.6	14.0	15.0	
Dissolved Oxygen				Monthly Average not less than	Weekly Average not less than	Daily Minimum	35 IAC 302.206
March – July				5	6		
August – February				3.5	4	5.5	
Stormwater							40 CFR 122.26(b)(14)(xi)
Outfall A01 Treated Sanitary Wastewater (DAF = 0.015 MGD)							
Flow (MGD)							
pH							35 IAC 302.204
BOD ₅	3.75	7.50		30	60		35 IAC 304.120
Total Suspended Solids	3.75	7.50		30	60		35 IAC 304.120
Fecal Coliform					400/100 ml		35 IAC 302.209
Outfall B01 Treated Sanitary Wastewater (DAF = 0.015 MGD)							
Flow (MGD)							
pH							35 IAC 302.204
BOD ₅	3.75	7.50		30	60		35 IAC 304.120
Total Suspended Solids	3.75	7.50		30	60		35 IAC 304.120
Fecal Coliform					400/100 ml		35 IAC 302.209

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Outfall C01 Treated Remediation Water (DAF = 0.0008 MGD)						
Flow (MGD)						
Total Organic Carbon				Monitor Only		35 IAC 309.146
1,2 Dichloroethane				Monitor Only		35 IAC 309.146
Outfall 002 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Volatile Organic Compounds				Monitor Only		35 IAC 309.146
Stormwater						40 CFR 122.26(b)(14)(xi)
Outfall 003 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Volatile Organic Compounds				Monitor Only		35 IAC 309.146
Stormwater						40 CFR 122.26(b)(14)(xi)

Load Limit Calculations:

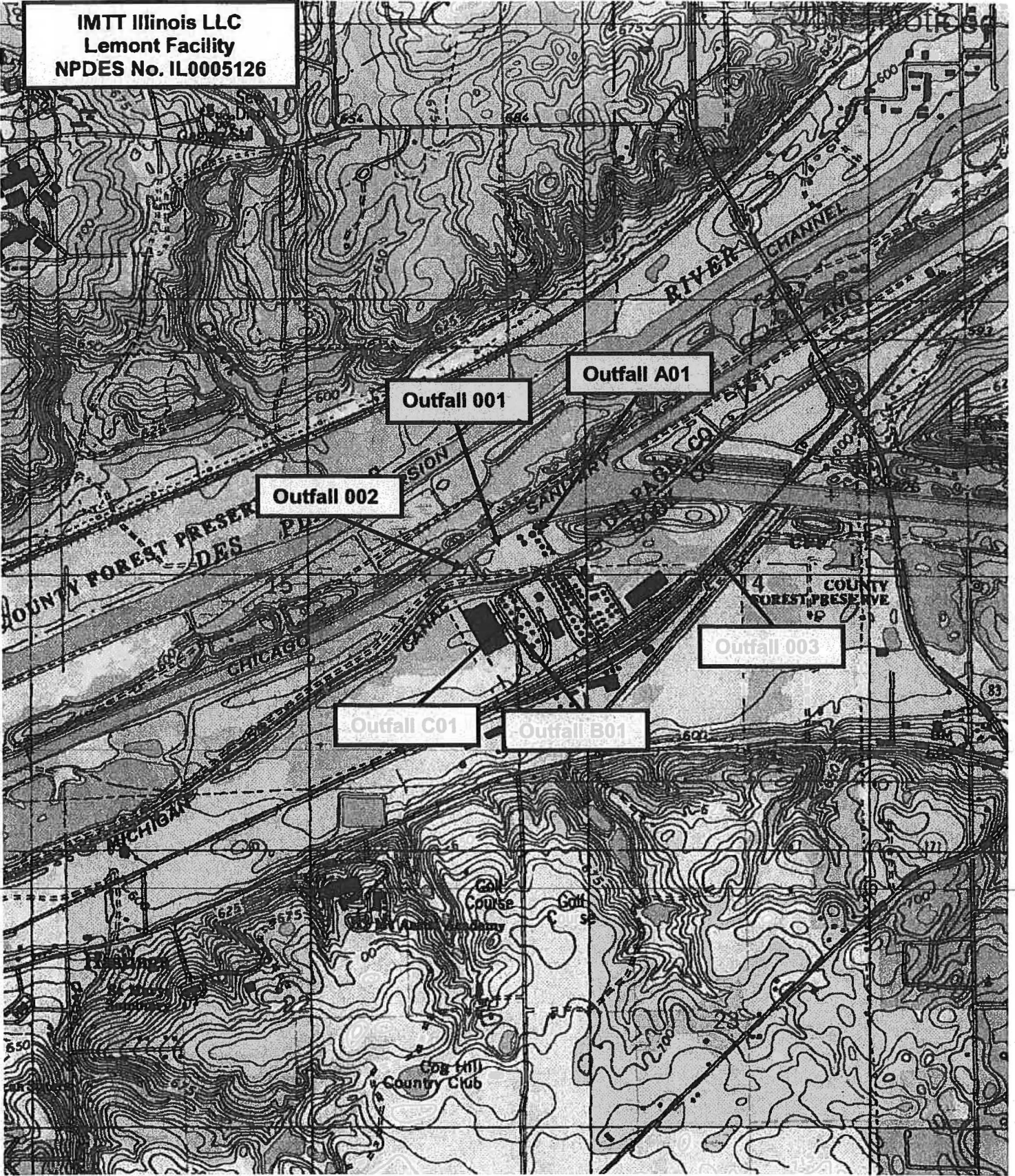
- A. Outfall A01, load limit calculations for the following pollutant parameters were based on a design average flow of 0.015 MGD and using the formula of average or maximum flow (MGD) X concentration limit (mg/l) X 8.34 = the average or maximum load limit (lbs/day): BOD₅ and Total Suspended Solids.
- B. Outfall B01, load limit calculations for the following pollutant parameters were based on a design average flow of 0.015 MGD and using the formula of average or maximum flow (MGD) X concentration limit (mg/l) X 8.34 = the average or maximum load limit (lbs/day): BOD₅ and Total Suspended Solids.

The load limits appearing in the permit will be the more stringent of the State and Federal Guidelines.

The following explain the conditions of the proposed permit:

The Special Conditions clarify flow measurement and reporting, pH, temperature, Total Residual Chlorine, monitoring location, discharge monitoring report submission, Class K Operator, 126 priority pollutants, and stormwater.

7/30/2019



**IMTT Illinois LLC
Lemont Facility
NPDES No. IL0005126**

Outfall 001

Outfall A01

Outfall 002

Outfall 003

Outfall C01

Outfall B01



NPDES Permit No. IL0005126

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:

Modification Date:

Name and Address of Permittee:

IMTT Illinois
13589 Main Street
Lemont, Illinois 60439

Facility Name and Address:

IMTT Illinois – Lemont Facility
13589 Main Street
Lemont, Illinois 60439
(Cook County)

Discharge Number and Name:

001 Combined Effluent Wastewater
A01 Treated Sanitary Wastewater
B01 Treated Sanitary Wastewater
C01 Treated Remediation Water
002 Stormwater Runoff
003 Stormwater Runoff

Receiving Waters:

Illinois and Michigan Canal

Illinois and Michigan Canal
Calumet Sag Channel

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.

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

DEL:SMT:18101001.smt

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 001 Combined Effluent Wastewater (DAF = 0.238 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE	
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM			
The discharge consists of:							
1. Boiler Blowdown							
2. Water Softener Backflush							
3. Reverse Osmosis Reject							
4. Laboratory Waste							
5. Treated Sanitary Wastewater (A01 and B01)							
6. Safety Shower Test Water							
7. Fire Hose Hydrostatic Water							
8. Air Compressor Cooling Water							
9. Vehicle Washdown							
10. Tank Hydrostatic Test Water							
11. Stormwater Runoff*							
12. Scrubber Water							
13. Remediation Water (C01)							
14. Tank Steam Condensate							
Flow (MGD)	See Special Condition 1				1/Month	Measurement	
pH	See Special Condition 2				1/Month	Grab	
BOD ₅			30	60	1/Month	Grab	
Temperature	See Special Condition 3.				1/Month	Single Reading	
Total Residual Chlorine	See Special Condition 4.			0.05	1/Month	Grab	
Total Suspended Solids			30	60	1/Month	Grab	
Oil and Grease			15	30	1/Month	Grab	
Iron (Total)			2	4	1/Month	Composite	
Chloride			Monitor Only		1/Month	Grab	
Vinyl Chloride				0.002	1/Month	Grab	
Ammonia			30 Day Average	Weekly Average	Daily Maximum	1/Month	Grab
	Spring/Fall		3.2	7.9	15.0		
	Summer		2.3	5.8	15.0		
	Winter		5.6	14.0	15.0		
Dissolved Oxygen			Monthly Average not less than	Weekly Average not less than	Daily Minimum	1/Month	Grab
	March – July		5	6			
	August – February		3.5	4	5.5		
Stormwater	See Special Condition 12						

DRAFT

APR 22 2019

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

Public Noticed

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall A01 Treated Sanitary Wastewater. (DAF = 0.015 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
BOD ₅	3.75	7.50	30	60	1/Month	Grab
Total Suspended Solids	3.75	7.50	30	60	1/Month	Grab
Fecal Coliform	See Special Condition 5.			400/100 ml	1/Month	Grab

See Special Condition 13

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall B01 Treated Sanitary Wastewater (DAF = 0.015 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
BOD ₅	3.75	7.50	30	60	1/Month	Grab
Total Suspended Solids	3.75	7.50	30	60	1/Month	Grab
Fecal Coliform	See Special Condition 5.			400/100 ml	1/Month	Grab

See Special Condition 13

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall C01 Remediation Water* (DAF = 200 gpd)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
Total Organic Carbon			Monitor Only		1/Quarter**	Grab
1,2 Dichloroethane			Monitor Only		1/Quarter**	Grab

* - See Special Condition 14.

** - See Special Condition 15.

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 002 Stormwater (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				2/Year	Measure
Volatile Organic Compounds	See Special Condition 16.		Monitor Only		2/Year	Grab
Stormwater	See Special Condition 12.					

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NPDES Permit No. IL0005126

2019

Effluent Limitations and Monitoring

Public Noticed

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 003 Stormwater (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				2/Year	Measure
Volatile Organic Compounds	See Special Condition 16.		Monitor Only		2/Year	Grab
Stormwater	See Special Condition 12.					

NPDES Permit No. IL0005126

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum on the Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.5 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. This facility is not allowed any mixing with the receiving stream in order to meet applicable water quality thermal limitations. Therefore, discharge of wastewater from this facility must meet the following thermal limitations prior to discharge into the receiving stream.

- A. The discharge must not exceed the maximum limits in the following table during more than one percent of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature of the discharge exceed the maximum limits in the following table by more than 1.7° C (3° F).

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
°F	60	60	60	90	90	90	90	90	90	90	90	60
°C	16	16	16	32	32	32	32	32	32	32	32	16

- B. In addition, the discharge shall not cause abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.
- C. The discharge shall not cause the maximum temperature rise above natural temperatures to exceed 2.8° C (5° F).
- D. The monthly maximum value shall be reported on the DMR form.

SPECIAL CONDITION 4. All samples for Total Residual Chlorine shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration. Any analytical variability of the method used shall be considered when determining the accuracy and precision of the results obtained.

SPECIAL CONDITION 5. The daily maximum fecal coliform count shall not exceed 400 per 100 ml.

SPECIAL CONDITION 6. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic 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 is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <https://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/Pages/quick-answer-guide.aspx>

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver 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

SPECIAL CONDITION 7. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 8. 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 Conditions

Public Noticed

SPECIAL CONDITION 9. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 10. In the event the permittee shall require the use of water treatment additives other than those previously approved by the Agency, or if the permittee increases the feed rate or quantity of the additives used beyond what has previously been approved by the Agency, the permittee shall request a modification of this permit in accordance with the Standard Conditions - Attachment H.

SPECIAL CONDITION 11. 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 12.

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

A. A storm water pollution prevention plan shall be maintained by the permittee for the storm water associated with industrial activity at this facility. The plan shall identify potential sources of pollution which may be expected to affect the quality of storm water discharges associated with the industrial activity at the facility. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with industrial activity at the facility and to assure compliance with the terms and conditions of this permit. The permittee shall modify the plan if substantive changes are made or occur affecting compliance with this condition.

- 1. Waters not classified as impaired pursuant to Section 303(d) of the Clean Water Act.

Unless otherwise specified by federal regulation, the storm water pollution prevention plan shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event.

- 2. Waters classified as impaired pursuant to Section 303(d) of the Clean Water Act

For any site which discharges directly to an impaired water identified in the Agency's 303(d) listing, and if any parameter in the subject discharge has been identified as the cause of impairment, the storm water pollution prevention plan shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event. If required by federal regulations, the storm water pollution prevention plan shall adhere to a more restrictive design criteria.

B. The operator or owner of the facility shall make a copy of the plan available to the Agency at any reasonable time upon request.

Facilities which discharge to a municipal separate storm sewer system shall also make a copy available to the operator of the municipal system at any reasonable time upon request.

C. The permittee may be notified by the Agency at any time that the plan does not meet the requirements of this condition. 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 may affect the discharge of significant quantities of pollutants to the waters of the State or if a facility inspection required by paragraph H of this 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 objective of controlling pollutants in storm water discharges. Amendments to the plan shall be made within 30 days of any proposed construction or operational changes at the facility, and shall be provided to the Agency for review upon request.

E. 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 storm water outfalls at the facility. The plan shall include, at a minimum, the following items:

- 1. 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 a municipal storm drain system or other water body. The requirements of this paragraph may be included on the site map if appropriate. Any map or portion of map may be withheld for security reasons.
- 2. A site map showing:
 - i. The storm water conveyance and discharge structures;
 - ii. An outline of the storm water drainage areas for each storm water discharge point;

NPDES Permit No. IL0005126

Special Conditions

- iii. Paved areas and buildings;
 - iv. Areas used for outdoor manufacturing, storage, or disposal of significant materials, including activities that generate significant quantities of dust or particulates.
 - v. Location of existing storm water structural control measures (dikes, coverings, detention facilities, etc.);
 - vi. Surface water locations and/or municipal storm drain locations
 - vii. Areas of existing and potential soil erosion;
 - viii. Vehicle service areas;
 - ix. Material loading, unloading, and access areas.
 - x. Areas under items iv and ix above may be withheld from the site for security reasons.
3. A narrative description of the following:
- i. The nature of the industrial 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;
 - ii. Materials, equipment, and vehicle management practices employed to minimize contact of significant materials with storm water discharges;
 - iii. Existing structural and non-structural control measures to reduce pollutants in storm water discharges;
 - iv. Industrial storm water discharge treatment facilities;
 - v. Methods of onsite storage and disposal of significant materials.
4. A list of the types of pollutants that have a reasonable potential to be present in storm water discharges in significant quantities. Also provide a list of any pollutant that is listed as impaired in the most recent 303(d) report.
5. 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.
6. A summary of existing sampling data describing pollutants in storm water discharges.
- F. 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:
1. Storm Water Pollution Prevention Personnel - Identification by job titles of the individuals who are responsible for developing, implementing, and revising the plan.
 2. Preventive Maintenance - Procedures for inspection and maintenance of storm water conveyance system 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.
 3. Good Housekeeping - Good housekeeping requires the maintenance of clean, orderly facility areas that discharge storm water. Material handling areas shall be inspected and cleaned to reduce the potential for pollutants to enter the storm water conveyance system.
 4. 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 cleanup equipment and procedures should be identified, as appropriate. Internal notification procedures for spills of significant materials should be established.
 5. 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:

Special Conditions

- Public Notice
- i. Containment - Storage within berms or other secondary containment devices to prevent leaks and spills from storm water runoff. To the maximum extent practicable storm water discharged from any area where material handling equipment or activities, raw material, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water should not enter vegetated areas or surface waters or infiltrate into the soil unless adequate treatment is provided.
 - ii. Oil & Grease Separation - Oil/water separators, booms, skimmers or other methods to minimize oil contaminated storm water discharges.
 - iii. Debris & Sediment Control - Screens, booms, sediment ponds or other methods to reduce debris and sediment in storm water discharges.
 - iv. 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.
 - v. Storm Water Diversion - Storm water diversion away from materials manufacturing, storage and other areas of potential storm water contamination. Minimize the quantity of storm water entering areas where material handling equipment of activities, raw material, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water using green infrastructure techniques where practicable in the areas outside the exposure area, and otherwise divert storm water away from exposure area.
 - vi. Covered Storage or Manufacturing Areas - Covered fueling operations, materials manufacturing and storage areas to prevent contact with storm water.
 - vii. Storm Water Reduction - Install vegetation on roofs of buildings within adjacent to the exposure area to detain and evapotranspire runoff where precipitation falling on the roof is not exposed to contaminants, to minimize storm water runoff; capture storm water in devices that minimize the amount of storm water runoff and use this water as appropriate based on quality.
6. 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. The plan shall describe measures to limit erosion.
 7. 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.
 8. Inspection Procedures - Qualified plant personnel shall be identified to inspect designated equipment and plant 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.
- G. Non-Storm Water Discharge - The plan shall include a certification that the discharge has been tested or evaluated for the presence of non-storm water discharge. The certification shall include a description of any test for the presence of non-storm water discharges, the methods used, the dates of the testing, and any onsite 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.
- H. Quarterly Visual Observation of Discharges - The requirements and procedures for quarterly visual observations are applicable to all outfalls covered by this condition.
1. You must perform and document a quarterly visual observation of a storm water discharge associated with industrial activity from each outfall. The visual observation must be made during daylight hours. If no storm event resulted in runoff during daylight hours from the facility during a monitoring quarter, you are excused from the visual observations requirement for that quarter, provided you document in your records that no runoff occurred. You must sign and certify the document.
 2. Your visual observation must be made on samples collected as soon as practical, but not to exceed 1 hour or when the runoff or snow melt begins discharging from your facility. All samples must be collected from a storm event discharge that is greater than 0.1 inch in magnitude and that occurs at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event. The observation must document: color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution. If visual observations indicate any unnatural color, odor, turbidity, floatable material, oil sheen or other indicators of storm water pollution, the permittee shall obtain a sample and monitor for the parameter or the list of pollutants in Part E.4.
 3. You must maintain your visual observation reports onsite with the SWPPP. The report must include the observation date and time, inspection personnel, nature of the discharge (i.e., runoff or snow melt), visual quality of the storm water discharge

NPDES Permit No. IL0005126

Special Conditions

(including observations of color, odor, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution), and probable sources of any observed storm water contamination.

4. You may exercise a waiver of the visual observation requirement at a facility that is inactive or unstaffed, as long as there are no industrial materials or activities exposed to storm water. If you exercise this waiver, you must maintain a certification with your SWPPP stating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to storm water.
 5. Representative Outfalls - If your facility has two or more outfalls that you believe discharge substantially identical effluents, based on similarities of the industrial activities, significant materials, size of drainage areas, and storm water management practices occurring within the drainage areas of the outfalls, you may conduct visual observations of the discharge at just one of the outfalls and report that the results also apply to the substantially identical outfall(s).
 6. The visual observation documentation shall be made available to the Agency and general public upon written request.
- I. The permittee shall conduct an annual facility inspection 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 industrial storm water discharges are accurate. Observations that require a response and the appropriate response to the observation shall be retained as part of the plan. Records documenting significant observations made during the site inspection shall be submitted to the Agency in accordance with the reporting requirements of this permit.
 - J. This 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 there under, and Best Management Programs under 40 CFR 125.100.
 - K. The plan is considered a report that shall be available to the public at any reasonable time upon request.
 - L. 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.
 - M. Facilities which discharge storm water associated with industrial activity to municipal separate storm sewers may also be subject to additional requirement imposed by the operator of the municipal system

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).

- N. If any statement or representation is found to be incorrect, this authorization may be revoked and the permittee there upon waives all rights there under.
- O. 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.
- P. Plans and specifications of all treatment equipment being included as part of the stormwater management practice shall be included in the SWPPP.
- Q. Construction activities which result from treatment equipment installation, including clearing, grading and excavation activities which result in the disturbance of one acre or more of land area, are not covered by this authorization. The permittee shall contact the IEPA regarding the required permit(s).

REPORTING

- R. The facility shall submit an electronic copy of the annual inspection report to the Illinois Environmental Protection Agency at epa.npdes.inspection@illinois.gov. The report shall include results of the annual facility inspection which is required by Part I of this condition. The report 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). The annual inspection report is considered a public document that shall be available at any reasonable time upon request.

Special Conditions

Public Noticed

- S. The first report shall contain information gathered during the one year time period beginning with the effective date of coverage under this permit and shall be submitted no later than 60 days after this one year period has expired. Each subsequent report shall contain the previous year's information and shall be submitted no later than one year after the previous year's report was due.
- T. If the facility performs inspections more frequently than required by this permit, the results shall be included as additional information in the annual report.
- U. The permittee shall retain the annual inspection report on file at least 3 years. This period may be extended by request of the Illinois Environmental Protection Agency at any time.
- V. Annual inspection reports shall be submitted to one of the following addresses:
- Electronic Quarterly Reports should be submitted to
epa.indannualinsp@illinois.gov
 - If electronic submittal is unavailable, reports should be mailed to:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section, Mail Code #19
Annual Inspection Report
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
- W. The permittee shall notify any regulated small municipal separate storm sewer owner (MS4 Community) that they maintain coverage under an individual NPDES permit. The permittee shall submit any SWPPP or any annual inspection to the MS4 community upon request by the MS4 community.

SPECIAL CONDITION 13. Discharges from the sanitary waste treatment systems (Internal Outfalls A01 and B01) shall be sampled prior to entry into the on-site ditch tributary to the settling pond.

SPECIAL CONDITION 14. Discharges from the remediation system (Internal Outfall C01) shall be sampled prior to mixing with any other discharges associated with Outfall 001.

SPECIAL CONDITION 15. Sampling for Internal Outfall C01 shall occur at the same time as the sampling listed in Special Condition 12 and shall be submitted in accordance with Special Condition 12.

SPECIAL CONDITION 16. The permittee shall sample the effluent from Outfalls 002 and 003 on a semi-annual basis for all Volatile Organic Compounds covered by 40 CFR 136 Appendix A, Methods 624 and 625. All sample results shall be submitted on a semi-annual basis with the June and December Discharge Monitoring Reports to the address indicated in Special Condition 6.

If the results of this sampling indicate that additional monitoring requirements or limitations are necessary, the Agency may modify the permit following public notice and opportunity for comment.

SPECIAL CONDITION 17. IMTT Illinois LLC, Lemont Facility (IL0005126) timely filed a Time-Limited Water Quality Standard (TLWQS) for chloride (Case # PCB 2019-017) and is participating in the chloride workgroup for the CAWS dischargers. Since the permittee timely filed, the chloride water quality standard is stayed. IMTT must continue to participate in the workgroup and must comply with the Board Order resulting from the TLWQS (Case # PCB 2019-017).

RECEIVED

AUG 30 2019

PN Date 8-20-19

Permit No. IL0005126

Permittee Name IMTT-Illinois, LLC

IEPA
BOW/WPC/PERMIT SECTION

PLEASE CHECK THE APPROPRIATE ANSWER AND RETURN:

I will post the Public Notice for a period of 30 days
beginning 8/26/19.

I will not post the Public Notice.

[Signature]
Signature

8-26-19
Date

IL 532-1579

USA 532-1579

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

Permittee: IMTT Illinois LLC - Lemont
Permit Number: IL0005126
Reviewed By: Shu-Mei Tsai

Page 1 of 1

Date: Tuesday, September 24, 2019

30-Day Notice Review Notes:

The Agency receive a comment letter dated August 02, 2019 from Larry Newton.

IMTT – Lemont objects to the inclusion in the draft permit of the vinyl chloride concentration limit of 0.002 mg/L as a daily maximum limit.

Response:

It was a reference error for vinyl chloride in the daft permit and it should be 35 IAC 302.210. According to the calculation from the Standards Unit, the 95% potential is 0.0097mg/L and it exceeds 0.002mg/L of the standard of derived water quality criteria.

The limit of vinyl chloride remains.

Action: Re-issue NPDES Permit

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

Permittee: IMTT Illinois LLC - Lemont
Permit Number: IL0005126
Reviewed By: Shu-Mei Tsai

Page 1 of 2

Date: Tuesday, September 24, 2019

30-Day Notice Review Notes:

1. The Agency received a comment letter dated August 02, 2019 from Larry Newton.

IMTT – Lemont objects to the inclusion in the draft permit of the vinyl chloride concentration limit of 0.002 mg/L as a daily maximum limit.

Response:

It was a reference error for vinyl chloride in the draft permit and it should be 35 IAC 302.210. According to the calculation from the Standards Unit, the 95% potential is 0.0097mg/L and it exceeds 0.002mg/L of the standard of derived water quality criteria.

The limit of vinyl chloride remains.

2. The Agency receive a comment letter dated October 3, 2019 from Larry Newton.

IMTT – Lemont requests a mixing zone be considered with respect to the vinyl chloride. Based on the maximum potential concentration computed (0.0097 mg/L), only a 5:1 dilution is necessary to assure the human health splash criteria is achieved, which would readily occur within a small mixing zone. Mixing zones are allowed for streams with less than a 3:1 dilution ratio under Section 302.102(b)(8). However, if the Agency disagrees with this approach, and the effluent limit of 0.002 mg/L remains for vinyl chloride, then a compliance plan needs to be incorporated into the NPDES Permit before issuance to provide IMTT the time necessary to achieve compliance. The following compliance schedule is proposed if the mixing zone approach or the no public exposure arguments are rejected.

3 months from effective date of permit	Prepare Sampling Plan for vinyl chloride testing
9 months from effective date of permit	Interim progress report on source of vinyl chloride
15 months from effective date of permit	Final report on source of vinyl chloride
21 months from effective date of permit	Report on treatment options for removing vinyl chloride
27 months from effective date of permit	Preliminary design completed for removing vinyl chloride
33 months from effective date of permit	Final design and permit application for construction
36 months from effective date of permit	Construction permit issued
48 months from effective date of permit	Construction complete, vinyl chloride limit goes into effect

Response:

There is no mixing available (unless the facility discharges only during storm events). See the email dated October 11, 2019 from Scott Twait.

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

Permittee: IMTT Illinois LLC - Lemont
Permit Number: IL0005126
Reviewed By: Shu-Mei Tsai

Page 2 of 2

Date: Tuesday, September 24, 2019

Special Condition 18 indicates the compliance schedule to provide IMTT the time necessary to achieve compliance as below:

The permittee shall complete the following described project in accordance with the following schedule:

3 months from effective date of permit	Prepare Sampling Plan for vinyl chloride testing
3 months from effective date of permit	Interim progress report on source of vinyl chloride
3 months from effective date of permit	Final report on source of vinyl chloride
3 months from effective date of permit	Report on treatment options for removing vinyl chloride
3 months from effective date of permit	Preliminary design completed for removing vinyl chloride
3 months from effective date of permit	Final design and permit application for construction
3 months from effective date of permit	Construction permit issued
3 months from effective date of permit	Construction complete, vinyl chloride limit goes into effect

This Permit may be modified, with Public Notice, to include revised compliance dates set out in this Permit that are superseded or supplemented by compliance dates in judicial orders or Pollution Control Board orders. Prior to such permit modification, the revised dates on the appropriate orders shall govern the Permittee's compliance.

Action: Re-30 Day Public Notice.

IMTT-Illinois

A PARTNERSHIP

Lemont Facility

13589 Main Street Lemont, IL 60439
Phone (630) 257-6222 Fax (630) 257-7135

Joliet Facility

24420 W. Durkee Road Channahon, IL 60410
Phone (815) 423-2500 Fax (815) 423-2525

October 3, 2019

Mr. Darin E. LeCrone, P.E.
Manager, Industrial Unit, Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, IL 62702

RECEIVED
OCT 04 2019
IEPA
BOW/WPC/PERMIT SECTION

Re: IMTT Illinois-Lemont Facility
Draft NPDES Permit IL0005126
Vinyl Chloride Comments

Dear Mr. LeCrone:

Thank you for the opportunity to review the draft NPDES permit for above referenced discharge. We have reviewed the draft permit and find it acceptable except for the effluent limit on outfall 001 for vinyl chloride of a daily maximum of 0.002 mg/L. We believe this limit is inappropriate and respectfully request the Agency review this limit. In support of our request the following is offered.

Background

Outfall 001 discharges to what is the head waters of the I&M Canal on the west side of Route 83. When the Cal Sag Channel was constructed, it physically cut across the I&M Canal, so that now the I&M Canal ends east of Route 83 and then begins again at the IMTT Outfall 001 west of IMTT and Route 83. So the subject discharge is physically the headwaters for the receiving stream, and therefore there is no fish passing the outfall location.

Vinyl Chloride

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October 3, 2019 Letter

Page 2 of 3

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Mixing Zone

Under 35 IAC 302.102, IMTT respectfully requests a mixing zone be considered with respect to the vinyl chloride. Based on the maximum potential concentration computed (0.0097 mg/L), only a 5:1 dilution is necessary to assure the human health splash criteria is achieved, which would readily occur within a small mixing zone. Mixing zones are allowed for streams with less than a 3:1 dilution ratio under Section 302.102(b)(8). IMTT would welcome the opportunity to work with the Agency in determining the dilution within a mixing zone for vinyl chloride.

Compliance Schedule

IMTT believes with a mixing zone consideration, no effluent limit is necessary for vinyl chloride. However, if the Agency disagrees with this approach, and the effluent limit of 0.002 mg/L remains for vinyl chloride, then a compliance plan needs to be incorporated into the NPDES Permit before issuance to provide IMTT the time necessary to achieve compliance. The following compliance schedule is proposed if the mixing zone approach or the no public exposure arguments are rejected,

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9 months from effective date of permit	Interim progress report on source of vinyl chloride
15 months from effective date of permit	Final report on source of vinyl chloride
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36 months from effective date of permit	Construction permit issued
48 months from effective date of permit	Construction complete, vinyl chloride limit goes into effect

October 3, 2019 Letter

Page 3 of 3

Closure

The inclusion of the vinyl chloride effluent limit is a significant issue to IMTT, and we do not believe the inclusion is appropriate under the regulations. I request a site visit so that Agency can view the outfall and the lack of public access to the I & M Canal adjacent to the outfall. We would also welcome working with the Agency on developing the appropriate size of the mixing zone that should be applied to vinyl chloride.

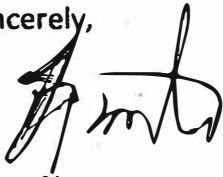
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The discharge from Outfall 001 can flow, by gravity or be pumped, to the Illinois & Michigan Canal.

It is hoped that this statement will be included in the new permit once it becomes effective.

Thank you for the opportunity to provide these comments. We look forward to working with the Agency in finalizing this permit.

Sincerely,



Larry Newton
Environmental Manager

Cc: Shu-Mei Tsai
Scott Twait
Brian Koch

Tsai, Shu-Mei

From: Newton, Larry <LarryNewton@IMTT.Com>
Sent: Thursday, October 3, 2019 11:37 AM
To: Tsai, Shu-Mei
Subject: [External] Re: NPDES IL0005126 IMTT Illinois - Lemont
Attachments: 10-03-2019 comments re vinyl chloride.pdf

See attached letter. I'm requesting a site visit to review the outfall. An original will be sent to you via UPS.

Larry Newton | Environmental Manager
INTERNATIONAL MATEX TANK TERMINALS
13589 Main Street, Lemont, IL 60439
24420 W. Durkee Road, Channahon, IL 60410
Office (630) 257-3960 | Cell (630) 768-0649
Email larrynewton@imtt.com

From: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Sent: Thursday, September 26, 2019 2:13 PM
To: Newton, Larry <LarryNewton@IMTT.Com>
Subject: RE: NPDES IL0005126 IMTT Illinois - Lemont

Larry:

Please check it and let me know. The Agency would like to issue this permit as soon as we can. Thank you

Shu-Mei

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To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Subject: [External] Re: NPDES IL0005126 IMTT Illinois - Lemont

Thank you!

Larry Newton, Environmental Manager
IMTT ILLINOIS
630-257-3960, office
630-768-0649, cell

From: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Sent: Thursday, September 26, 2019 2:06:50 PM
To: Newton, Larry <LarryNewton@IMTT.Com>
Subject: RE: NPDES IL0005126 IMTT Illinois - Lemont

Per your request.

From: Newton, Larry <LarryNewton@IMTT.Com>
Sent: Thursday, September 26, 2019 10:17 AM

To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Subject: [External] Re: NPDES IL0005126 IMTT Illinois - Lemont

Thank you very much! Would you also be so kind as to provide the Water Quality Based Effluent Analysis completed July 11, 2019 that is referenced in your notes?

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Subject: RE: NPDES IL0005126 IMTT Illinois - Lemont

Good morning, Larry:

Enclosed the review note. Please keep in mind, after 15 days and 30 days public notice, the review notice could be not match with the draft permit.

Shu-Mei

From: Newton, Larry <LarryNewton@IMTT.Com>
Sent: Wednesday, September 25, 2019 3:21 PM
To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Subject: [External] Re: NPDES IL0005126 IMTT Illinois - Lemont

May I receive a copy of the permit reviewer notes for my application? Thank you!

Larry Newton | Environmental Manager
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Office (630) 257-3960 | Cell (630) 768-0649
Email larrynewton@imtt.com

From: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Sent: Wednesday, September 25, 2019 7:54 AM
To: Newton, Larry <LarryNewton@IMTT.Com>
Subject: RE: NPDES IL0005126 IMTT Illinois - Lemont

Good morning, Larry:

When will you submit the comments? Please let me know. Thank you

Shu-Mei

From: Newton, Larry <LarryNewton@IMTT.Com>
Sent: Tuesday, September 24, 2019 3:50 PM

To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Subject: [External] Re: NPDES IL0005126 IMTT Illinois - Lemont

We will have additional comments regarding this issue. Can we stop the clock?

Larry Newton | Environmental Manager
INTERNATIONAL MATEX TANK TERMINALS
13589 Main Street, Lemont, IL 60439
24420 W. Durkee Road, Channahon, IL 60410
Office (630) 257-3960 | Cell (630) 768-0649
Email larrynewton@imtt.com

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Sent: Tuesday, September 24, 2019 3:30 PM
To: Newton, Larry <LarryNewton@IMTT.Com>
Subject: NPDES IL0005126 IMTT Illinois - Lemont

Good afternoon, Larry:

You submitted a comment letter dated July 31, 2019 about vinyl chloride issue. However, the mail sent to different unit. When we received your letter, it had already passed the Public Notice Period.

This is the initial response for your comment:

The State regulation for vinyl chloride is 35 IAC 302.210 not 302.208 g as previously stated in the Public Notice/Fact Sheet for this permit. The Agency has corrected this error for future reference. The Agency included the vinyl chloride effluent limitation of 0.002 mg/L as a daily maximum value as this value is the human health water quality criteria. Previous data from effluent samples indicated there is a reasonable potential to exceed this value. Therefore, the Agency must include this effluent limitation.

The Agency is ready to issue this permit as soon as possible. Please let me know if you have any additional comments or questions. Thank you.

Shu-Mei Tsai,
Environmental Protection Engineer, Industrial Unit
Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency

ph: 217-782-0610
fax: 217-782-9891
Shu-Mei.Tsai@Illinois.gov

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.



IMTT-Illinois

A PARTNERSHIP

Lemont Facility

13589 Main Street Lemont, IL 60439
Phone (630) 257-6222 Fax (630) 257-7135

Joliet Facility

24420 W. Durkee Road Channahon, IL 60410
Phone (815) 423-2500 Fax (815) 423-2525

October 3, 2019

Mr. Darin E. LeCrone, P.E.
Manager, Industrial Unit, Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, IL 62702

Re: IMTT Illinois-Lemont Facility
Draft NPDES Permit IL0005126
Vinyl Chloride Comments

Dear Mr. LeCrone:

Thank you for the opportunity to review the draft NPDES permit for above referenced discharge. We have reviewed the draft permit and find it acceptable except for the effluent limit on outfall 001 for vinyl chloride of a daily maximum of 0.002 mg/L. We believe this limit is inappropriate and respectfully request the Agency review this limit. In support of our request the following is offered.

Background

Outfall 001 discharges to what is the head waters of the I&M Canal on the west side of Route 83. When the Cal Sag Channel was constructed, it physically cut across the I&M Canal, so that now the I&M Canal ends east of Route 83 and then begins again at the IMTT Outfall 001 west of IMTT and Route 83. So the subject discharge is physically the headwaters for the receiving stream, and therefore there is no fish passing the outfall location.

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Executive Office

321 St. Charles Avenue, New Orleans, LA 70130 (U.S.A.)

Phone (504) 586-8300 Fax (504) 525-9537

October 3, 2019 Letter

Page 2 of 3

Treatment

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October 3, 2019 Letter

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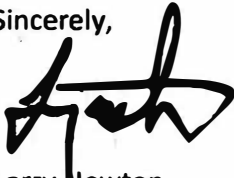
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Sincerely,



Larry Newton
Environmental Manager

Cc: Shu-Mei Tsai
Scott Twait
Brian Koch

Tsai, Shu-Mei

From: Twait, Scott
Sent: Friday, October 11, 2019 3:40 PM
To: Tsai, Shu-Mei
Cc: Koch, Brian
Subject: RE: NPDES IL0005126 IMTT Illinois - Lemont

Shu-Mei,

There is no mixing available (unless they discharge only during storm events). We will need to develop a response and keep the existing vinyl chloride limit.

Scott

From: Tsai, Shu-Mei
Sent: Friday, October 11, 2019 2:44 PM
To: Twait, Scott <Scott.Twait@Illinois.gov>
Subject: FW: NPDES IL0005126 IMTT Illinois - Lemont

Scott:

IMTT request a mixing zone for the vinyl chloride. Could you check it. Thank you

Shu-Mei

From: Newton, Larry <LarryNewton@IMTT.Com>
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Larry Newton | Environmental Manager

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630-768-0649, cell

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The Agency is ready to issue this permit as soon as possible. Please let me know if you have any additional comments or questions. Thank you.

Shu-Mei Tsai,

Environmental Protection Engineer, Industrial Unit

Permit Section

Division of Water Pollution Control

Illinois Environmental Protection Agency

ph: 217-782-0610

fax: 217-782-9891

Shu-Mei.Tsai@Illinois.gov

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/782-0610

October 25, 2019

IMTT Illinois, LLC
13589 Main Street
Lemont, Illinois 60439

Re: IMTT Illinois, LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID# W0311620009
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 Shu-Mei Tsai at 217/782-0610 or the address listed above.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink that reads "Darin E. LeCrone".

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

DEL:SMT:18101001.smt

Attachments: Draft Permit, Public Notice/Fact Sheet

cc: Records Unit
Compliance Assurance Section
Des Plaines Region
CMAP
DRSCW



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/782-0610

October 25, 2019

Mr. Edward Karecki
U.S. Fish & Wildlife Service
Chicago Illinois Field Office
230 South Dearborn Street, Suite 2938
Chicago, Illinois 60604

Re: IMTT Illinois, LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID# W0311620009

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

DEL:SMT:18101001.smt

Attachment: Public Notice/Fact Sheet

cc: Records Unit



217782-0610

October 25, 2019

Municipal Clerk
418 Main Street
Lemont, Illinois 60439

Re: IMTT Illinois, LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID# W0311620009
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 LeCrone, P.E.
Manager, Industrial Unit, Permit Section
Division of Water Pollution Control

DEL:SMT:18101001.smt

Attachments: Public Notice/Fact Sheet, Post Card

cc: Records Unit

NPDES Permit No. IL0005126
Notice No. SMT:18101001.smt

Public Notice Beginning Date: **October 25, 2019**

Public Notice Ending Date: **November 25, 2019**

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:

IMTT Illinois
13589 Main Street
Lemont, Illinois 60439

Name and Address of Facility:

IMTT Illinois – Lemont Facility
13589 Main Street
Lemont, Illinois 60439
(Cook 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 Shu-Mei Tsai at 217/782-0610.

The applicant is engaged in the operation of a for-hire leasing facility that is comprised of numerous storage tanks for on-shore bulk liquids storage and distribution (SIC 4226). Plant operation results in an average discharge of 0.238 MGD of combined effluent wastewater from outfall 001, 0.0015 MGD of treated sanitary wastewater from internal outfall A01, 0.0015 MGD of treated sanitary wastewater from internal outfall B01, 0.0008 MGD of treated remediation water from internal outfall C01, an intermittent discharge of stormwater runoff from outfall 002, and an intermittent discharge of stormwater runoff from outfall 003.

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

Outfall	Receiving Water	Latitude	Longitude	Waters Classification	Biological Waters Characterization
001	Illinois and Michigan Canal	41° 41' 36.59"	North 87° 57' 10.87" West	General Use	Not Rated
002	Illinois and Michigan Canal	41° 41' 33.53"	North 87° 57' 19.62" West	General Use	Not Rated
003	Calumet Sag Channel	41° 41' 36.24"	North 87° 56' 37.66" West	Chicago Area Waterway System Aquatic Life Use A Water.	Not Rated

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

The subject facility discharges to the Illinois and Michigan Canal at a point where 0 cfs, via Outfalls 001 and 002, of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The Illinois and Michigan Canal is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The Illinois and Michigan Canal, Waterbody Segment, GU, is not listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List since it has not been assessed. The Illinois and Michigan Canal is not subject to enhanced dissolved oxygen standards.

The subject facility discharges to the Calumet-Sag Channel at a point where 0 cfs, via Outfall 003, of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The Calumet-Sag Channel is not listed as a biological significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The Calumet-Sag Channel, Waterbody Segment, H-01, is listed on the draft 2016 Illinois Integrated Water Quality Report and Section 303(d) List. The Cal-Sag Channel is not subject to enhanced dissolved oxygen standards.

The following parameters have been identified as the pollutants causing impairment:

Designated Uses	Pollutants Causing Impairment
Indigenous Aquatic Life Use	Dissolved Oxygen (non-Pollutant), Iron, Phosphorus, and Total Suspended Solids (TSS).
Fish Consumption Use	Mercury and Polychlorinated Biphenyls (PCB's)

The discharges from the facility shall be monitored and limited at all times as follows:

Outfall 001 Combined Effluent Wastewater (DAF = 0.238 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)						
pH						35 IAC 302.204
BOD ₅				30	60	35 IAC 304.120
Temperature						35 IAC 302.211
Total Residual Chlorine					0.05	35 IAC 302.208 40 CFR 125.3
Total Suspended Solids				30	60	35 IAC 304.120

OCT 25 2019

Public Noticed

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l			
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	
Oil and Grease				15	30	35 IAC 304.124	
Iron (Total)				2	4	35 IAC 304.124	
Barium				2	4	35 IAC 304.124	
Chloride				Monitor Only		35 IAC 302.208(g)	
Vinyl Chloride					0.002	35 IAC 302.208(g)	
Ammonia				30 day Average	Weekly Average	Daily Maximum	35 IAC 302.212
March – May				3.2	7.9	15.0	
September - October							
June – August				2.3	5.8	15.0	
November - February				5.6	14.0	15.0	
Dissolved Oxygen				Monthly Average not less than	Weekly Average not less than	Daily Minimum	35 IAC 302.206
March – July				5	6		
August – February				3.5	4	5.5	
Stormwater							40 CFR 122.26(b)(14)(xi)
Outfall A01 Treated Sanitary Wastewater (DAF = 0.015 MGD)							
Flow (MGD)							
pH							35 IAC 302.204
BOD ₅	3.75	7.50		30	60		35 IAC 304.120
Total Suspended Solids	3.75	7.50		30	60		35 IAC 304.120
Fecal Coliform					400/100 ml		35 IAC 302.209
Outfall B01 Treated Sanitary Wastewater (DAF = 0.015 MGD)							
Flow (MGD)							
pH							35 IAC 302.204
BOD ₅	3.75	7.50		30	60		35 IAC 304.120
Total Suspended Solids	3.75	7.50		30	60		35 IAC 304.120
Fecal Coliform					400/100 ml		35 IAC 302.209

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/l		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Outfall C01 Treated Remediation Water (DAF = 0.0008 MGD)						
Flow (MGD)						
Total Organic Carbon				Monitor Only		35 IAC 309.146
1,2 Dichloroethane				Monitor Only		35 IAC 309.146
Outfall 002 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Volatile Organic Compounds				Monitor Only		35 IAC 309.146
Stormwater						40 CFR 122.26(b)(14)(xi)
Outfall 003 Stormwater (Intermittent Discharge)						
Flow (MGD)						
Volatile Organic Compounds				Monitor Only		35 IAC 309.146
Stormwater						40 CFR 122.26(b)(14)(xi)

Load Limit Calculations:

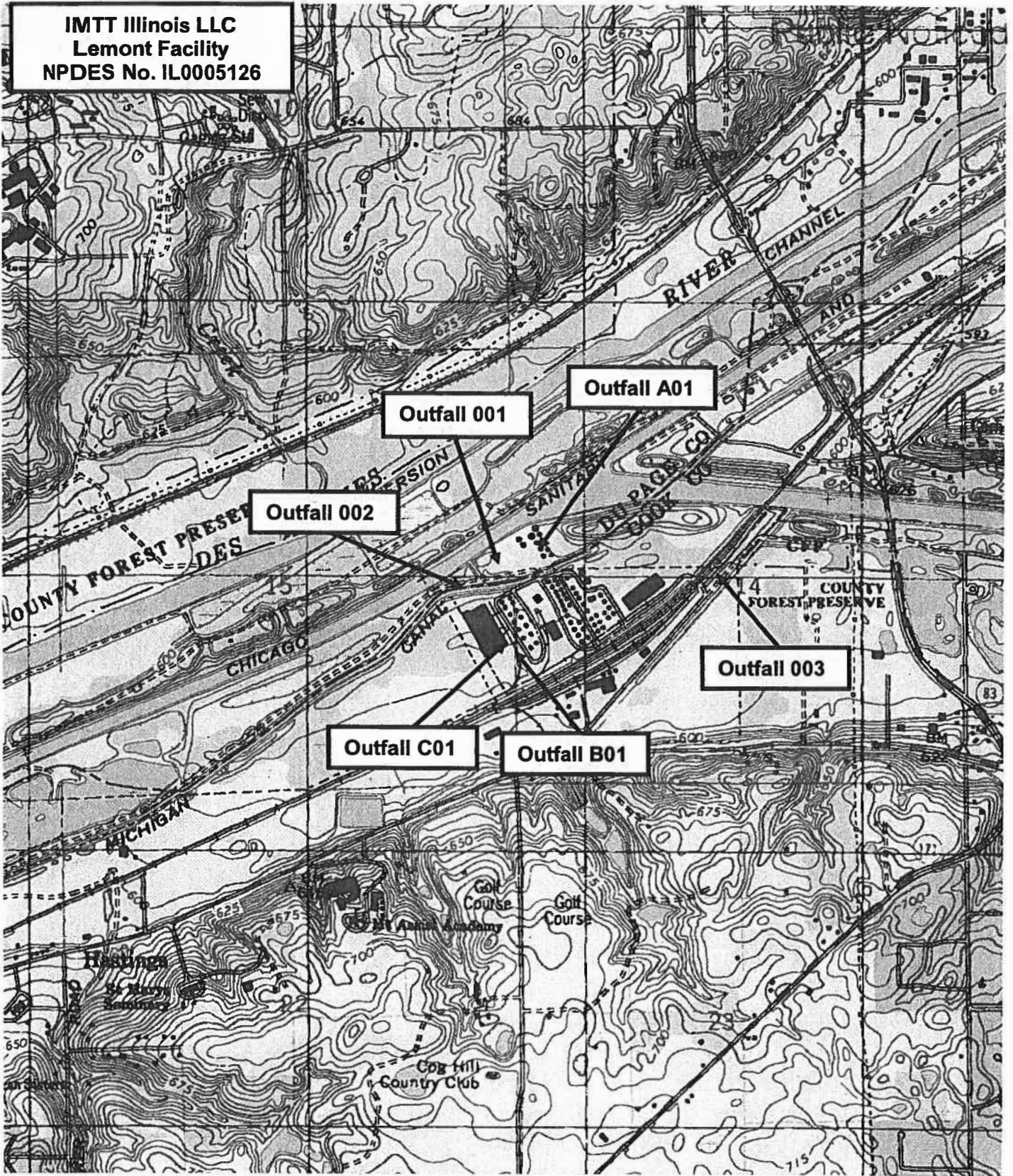
- A. Outfall A01, load limit calculations for the following pollutant parameters were based on a design average flow of 0.015 MGD and using the formula of average or maximum flow (MGD) X concentration limit (mg/l) X 8.34 = the average or maximum load limit (lbs/day): BOD₅ and Total Suspended Solids.
- B. Outfall B01, load limit calculations for the following pollutant parameters were based on a design average flow of 0.015 MGD and using the formula of average or maximum flow (MGD) X concentration limit (mg/l) X 8.34 = the average or maximum load limit (lbs/day): BOD₅ and Total Suspended Solids.

The load limits appearing in the permit will be the more stringent of the State and Federal Guidelines.

The following explain the conditions of the proposed permit:

The Special Conditions clarify flow measurement and reporting, pH, temperature, Total Residual Chlorine, monitoring location, discharge monitoring report submission, Class K Operator, 126 priority pollutants, and stormwater.

OCT 25 2019



OCT 25 2019

Public Notice

NPDES Permit No. IL0005126

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:

Modification Date:

Name and Address of Permittee:

IMTT Illinois
13589 Main Street
Lemont, Illinois 60439

Facility Name and Address:

IMTT Illinois – Lemont Facility
13589 Main Street
Lemont, Illinois 60439
(Cook County)

Discharge Number and Name:

- 001 Combined Effluent Wastewater
- A01 Treated Sanitary Wastewater
- B01 Treated Sanitary Wastewater
- C01 Treated Remediation Water
- 002 Stormwater Runoff
- 003 Stormwater Runoff

Receiving Waters:

- Illinois and Michigan Canal

- Illinois and Michigan Canal
- Calumet Sag Channel

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.

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

DEL:SMT:18101001.smt

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 001 Combined Effluent Wastewater (DAF = 0.238 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE	
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM			
The discharge consists of:							
1. Boiler Blowdown							
2. Water Softener Backflush							
3. Reverse Osmosis Reject							
4. Laboratory Waste							
5. Treated Sanitary Wastewater (A01 and B01)							
6. Safety Shower Test Water							
7. Fire Hose Hydrostatic Water							
8. Air Compressor Cooling Water							
9. Vehicle Washdown							
10. Tank Hydrostatic Test Water							
11. Stormwater Runoff*							
12. Scrubber Water							
13. Remediation Water (C01)							
14. Tank Steam Condensate							
Flow (MGD)	See Special Condition 1				1/Month	Measurement	
pH	See Special Condition 2				1/Month	Grab	
BOD ₅			30	60	1/Month	Grab	
Temperature	See Special Condition 3.				1/Month	Single Reading	
Total Residual Chlorine	See Special Condition 4.			0.05	1/Month	Grab	
Total Suspended Solids			30	60	1/Month	Grab	
Oil and Grease			15	30	1/Month	Grab	
Iron (Total)			2	4	1/Month	Composite	
Chloride			Monitor Only		1/Month	Grab	
Vinyl Chloride	See Special Condition 4.			0.002	1/Month	Grab	
Ammonia			30 Day Average	Weekly Average	Daily Maximum	1/Month	Grab
	Spring/Fall		3.2	7.9	15.0		
	Summer		2.3	5.8	15.0		
	Winter		5.6	14.0	15.0		
Dissolved Oxygen			Monthly Average not less than	Weekly Average not less than	Daily Minimum	1/Month	Grab
	March – July		5	6			
	August – February		3.5	4	5.5		
Stormwater	See Special Condition 12						

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OCT 25 2019

Public Notice

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall A01 Treated Sanitary Wastewater (DAF = 0.015 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
BOD ₅	3.75	7.50	30	60	1/Month	Grab
Total Suspended Solids	3.75	7.50	30	60	1/Month	Grab
Fecal Coliform	See Special Condition 5.			400/100 ml	1/Month	Grab

See Special Condition 13

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall B01 Treated Sanitary Wastewater (DAF = 0.015 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
BOD ₅	3.75	7.50	30	60	1/Month	Grab
Total Suspended Solids	3.75	7.50	30	60	1/Month	Grab
Fecal Coliform	See Special Condition 5.			400/100 ml	1/Month	Grab

See Special Condition 13

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NPDES Permit No. IL0005126

OCT 25 2019

Effluent Limitations and Monitoring

Public Noticed

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall C01 Remediation Water* (DAF = 200 gpd)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
Total Organic Carbon			Monitor Only		1/Quarter**	Grab
1,2 Dichloroethane			Monitor Only		1/Quarter**	Grab

* - See Special Condition 14.

** - See Special Condition 15.

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 002 Stormwater (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				2/Year	Measure
Volatile Organic Compounds	See Special Condition 16.		Monitor Only		2/Year	Grab
Stormwater	See Special Condition 12.					

DRAFT

NPDES Permit No. IL0005126

OCT 25 2019

Effluent Limitations and Monitoring

Public Noticed

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 003 Stormwater (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				2/Year	Measure
Volatile Organic Compounds	See Special Condition 16.		Monitor Only		2/Year	Grab
Stormwater	See Special Condition 12.					

NPDES Permit No. IL0005126

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum on the Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.5 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. This facility is not allowed any mixing with the receiving stream in order to meet applicable water quality thermal limitations. Therefore, discharge of wastewater from this facility must meet the following thermal limitations prior to discharge into the receiving stream.

A. The discharge must not exceed the maximum limits in the following table during more than one percent of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature of the discharge exceed the maximum limits in the following table by more than 1.7° C (3° F).

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
°F	60	60	60	90	90	90	90	90	90	90	90	60
°C	16	16	16	32	32	32	32	32	32	32	32	16

B. In addition, the discharge shall not cause abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.

C. The discharge shall not cause the maximum temperature rise above natural temperatures to exceed 2.8° C (5° F).

D. The monthly maximum value shall be reported on the DMR form.

SPECIAL CONDITION 4. All samples for Total Residual Chlorine shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration. Any analytical variability of the method used shall be considered when determining the accuracy and precision of the results obtained.

SPECIAL CONDITION 5. The daily maximum fecal coliform count shall not exceed 400 per 100 ml.

SPECIAL CONDITION 6. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic 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 is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <https://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/Pages/quick-answer-guide.aspx>

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver 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

SPECIAL CONDITION 7. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 8. 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.

DRAFT

OCT 25 2019

Public Noticed

NPDES Permit No. IL0005126

Special Conditions

SPECIAL CONDITION 9. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 10. In the event the permittee shall require the use of water treatment additives other than those previously approved by the Agency, or if the permittee increases the feed rate or quantity of the additives used beyond what has previously been approved by the Agency, the permittee shall request a modification of this permit in accordance with the Standard Conditions - Attachment H.

SPECIAL CONDITION 11. 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 12.

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

A. A storm water pollution prevention plan shall be maintained by the permittee for the storm water associated with industrial activity at this facility. The plan shall identify potential sources of pollution which may be expected to affect the quality of storm water discharges associated with the industrial activity at the facility. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with industrial activity at the facility and to assure compliance with the terms and conditions of this permit. The permittee shall modify the plan if substantive changes are made or occur affecting compliance with this condition.

- 1. Waters not classified as impaired pursuant to Section 303(d) of the Clean Water Act.

Unless otherwise specified by federal regulation, the storm water pollution prevention plan shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event.

- 2. Waters classified as impaired pursuant to Section 303(d) of the Clean Water Act

For any site which discharges directly to an impaired water identified in the Agency's 303(d) listing, and if any parameter in the subject discharge has been identified as the cause of impairment, the storm water pollution prevention plan shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event. If required by federal regulations, the storm water pollution prevention plan shall adhere to a more restrictive design criteria.

B. The operator or owner of the facility shall make a copy of the plan available to the Agency at any reasonable time upon request.

Facilities which discharge to a municipal separate storm sewer system shall also make a copy available to the operator of the municipal system at any reasonable time upon request.

C. The permittee may be notified by the Agency at any time that the plan does not meet the requirements of this condition. 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 may affect the discharge of significant quantities of pollutants to the waters of the State or if a facility inspection required by paragraph H of this 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 objective of controlling pollutants in storm water discharges. Amendments to the plan shall be made within 30 days of any proposed construction or operational changes at the facility, and shall be provided to the Agency for review upon request.

E. 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 storm water outfalls at the facility. The plan shall include, at a minimum, the following items:

- 1. 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 a municipal storm drain system or other water body. The requirements of this paragraph may be included on the site map if appropriate. Any map or portion of map may be withheld for security reasons.
- 2. A site map showing:
 - i. The storm water conveyance and discharge structures;
 - ii. An outline of the storm water drainage areas for each storm water discharge point;

NPDES Permit No. IL0005126

Special Conditions

- iii. Paved areas and buildings;
 - iv. Areas used for outdoor manufacturing, storage, or disposal of significant materials, including activities that generate significant quantities of dust or particulates.
 - v. Location of existing storm water structural control measures (dikes, coverings, detention facilities, etc.);
 - vi. Surface water locations and/or municipal storm drain locations
 - vii. Areas of existing and potential soil erosion;
 - viii. Vehicle service areas;
 - ix. Material loading, unloading, and access areas.
 - x. Areas under items iv and ix above may be withheld from the site for security reasons.
3. A narrative description of the following:
- i. The nature of the industrial 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;
 - ii. Materials, equipment, and vehicle management practices employed to minimize contact of significant materials with storm water discharges;
 - iii. Existing structural and non-structural control measures to reduce pollutants in storm water discharges;
 - iv. Industrial storm water discharge treatment facilities;
 - v. Methods of onsite storage and disposal of significant materials.
4. A list of the types of pollutants that have a reasonable potential to be present in storm water discharges in significant quantities. Also provide a list of any pollutant that is listed as impaired in the most recent 303(d) report.
5. 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.
6. A summary of existing sampling data describing pollutants in storm water discharges.
- F. 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:
1. Storm Water Pollution Prevention Personnel - Identification by job titles of the individuals who are responsible for developing, implementing, and revising the plan.
 2. Preventive Maintenance - Procedures for inspection and maintenance of storm water conveyance system 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.
 3. Good Housekeeping - Good housekeeping requires the maintenance of clean, orderly facility areas that discharge storm water. Material handling areas shall be inspected and cleaned to reduce the potential for pollutants to enter the storm water conveyance system.
 4. 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 cleanup equipment and procedures should be identified, as appropriate. Internal notification procedures for spills of significant materials should be established.
 5. 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

Special Conditions

Public Noticed

from storm water discharge shall be implemented. In developing the plan, the following management practices shall be considered:

- i. Containment - Storage within berms or other secondary containment devices to prevent leaks and spills from entering storm water runoff. To the maximum extent practicable storm water discharged from any area where material handling equipment or activities, raw material, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water should not enter vegetated areas or surface waters or infiltrate into the soil unless adequate treatment is provided.
 - ii. Oil & Grease Separation - Oil/water separators, booms, skimmers or other methods to minimize oil contaminated storm water discharges.
 - iii. Debris & Sediment Control - Screens, booms, sediment ponds or other methods to reduce debris and sediment in storm water discharges.
 - iv. 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.
 - v. Storm Water Diversion - Storm water diversion away from materials manufacturing, storage and other areas of potential storm water contamination. Minimize the quantity of storm water entering areas where material handling equipment of activities, raw material, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water using green infrastructure techniques where practicable in the areas outside the exposure area, and otherwise divert storm water away from exposure area.
 - vi. Covered Storage or Manufacturing Areas - Covered fueling operations, materials manufacturing and storage areas to prevent contact with storm water.
 - vii. Storm Water Reduction - Install vegetation on roofs of buildings within adjacent to the exposure area to detain and evapotranspire runoff where precipitation falling on the roof is not exposed to contaminants, to minimize storm water runoff; capture storm water in devices that minimize the amount of storm water runoff and use this water as appropriate based on quality.
6. 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. The plan shall describe measures to limit erosion.
7. 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.
8. Inspection Procedures - Qualified plant personnel shall be identified to inspect designated equipment and plant 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.
- G. Non-Storm Water Discharge - The plan shall include a certification that the discharge has been tested or evaluated for the presence of non-storm water discharge. The certification shall include a description of any test for the presence of non-storm water discharges, the methods used, the dates of the testing, and any onsite 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.
- H. Quarterly Visual Observation of Discharges - The requirements and procedures for quarterly visual observations are applicable to all outfalls covered by this condition.
1. You must perform and document a quarterly visual observation of a storm water discharge associated with industrial activity from each outfall. The visual observation must be made during daylight hours. If no storm event resulted in runoff during daylight hours from the facility during a monitoring quarter, you are excused from the visual observations requirement for that quarter, provided you document in your records that no runoff occurred. You must sign and certify the document.
 2. Your visual observation must be made on samples collected as soon as practical, but not to exceed 1 hour or when the runoff or snow melt begins discharging from your facility. All samples must be collected from a storm event discharge that is greater than 0.1 inch in magnitude and that occurs at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event. The observation must document: color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution. If visual observations indicate any unnatural color, odor, turbidity,

NPDES Permit No. IL0005126

Special Conditions

floatable material, oil sheen or other indicators of storm water pollution, the permittee shall obtain a sample and monitor for the parameter or the list of pollutants in Part E.4.

3. You must maintain your visual observation reports onsite with the SWPPP. The report must include the observation date and time, inspection personnel, nature of the discharge (i.e., runoff or snow melt), visual quality of the storm water discharge (including observations of color, odor, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution), and probable sources of any observed storm water contamination.
 4. You may exercise a waiver of the visual observation requirement at a facility that is inactive or unstaffed, as long as there are no industrial materials or activities exposed to storm water. If you exercise this waiver, you must maintain a certification with your SWPPP stating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to storm water.
 5. Representative Outfalls - If your facility has two or more outfalls that you believe discharge substantially identical effluents, based on similarities of the industrial activities, significant materials, size of drainage areas, and storm water management practices occurring within the drainage areas of the outfalls, you may conduct visual observations of the discharge at just one of the outfalls and report that the results also apply to the substantially identical outfall(s).
 6. The visual observation documentation shall be made available to the Agency and general public upon written request.
- I. The permittee shall conduct an annual facility inspection 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 industrial storm water discharges are accurate. Observations that require a response and the appropriate response to the observation shall be retained as part of the plan. Records documenting significant observations made during the site inspection shall be submitted to the Agency in accordance with the reporting requirements of this permit.
 - J. This 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 there under, and Best Management Programs under 40 CFR 125.100.
 - K. The plan is considered a report that shall be available to the public at any reasonable time upon request.
 - L. 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.
 - M. Facilities which discharge storm water associated with industrial activity to municipal separate storm sewers may also be subject to additional requirement imposed by the operator of the municipal system

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).

- N. If any statement or representation is found to be incorrect, this authorization may be revoked and the permittee there upon waives all rights there under.
- O. 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.
- P. Plans and specifications of all treatment equipment being included as part of the stormwater management practice shall be included in the SWPPP.
- Q. Construction activities which result from treatment equipment installation, including clearing, grading and excavation activities which result in the disturbance of one acre or more of land area, are not covered by this authorization. The permittee shall contact the IEPA regarding the required permit(s).

REPORTING

- R. The facility shall submit an electronic copy of the annual inspection report to the Illinois Environmental Protection Agency at epa.npdes.inspection@illinois.gov. The report shall include results of the annual facility inspection which is required by Part I of this condition. The report shall also include documentation of any event (spill, treatment unit malfunction, etc.) which would require

Special Conditions

Public Noticed

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). The annual inspection report is considered a public document that shall be available at any reasonable time upon request.

- S. The first report shall contain information gathered during the one year time period beginning with the effective date of coverage under this permit and shall be submitted no later than 60 days after this one year period has expired. Each subsequent report shall contain the previous year's information and shall be submitted no later than one year after the previous year's report was due.
- T. If the facility performs inspections more frequently than required by this permit, the results shall be included as additional information in the annual report.
- U. The permittee shall retain the annual inspection report on file at least 3 years. This period may be extended by request of the Illinois Environmental Protection Agency at any time.
- V. Annual inspection reports shall be submitted to one of the following addresses:

- a. Electronic Quarterly Reports should be submitted to

epa.indannualinsp@illinois.gov

- b. If electronic submittal is unavailable, reports should be mailed to:

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

- W. The permittee shall notify any regulated small municipal separate storm sewer owner (MS4 Community) that they maintain coverage under an individual NPDES permit. The permittee shall submit any SWPPP or any annual inspection to the MS4 community upon request by the MS4 community.

SPECIAL CONDITION 13. Discharges from the sanitary waste treatment systems (Internal Outfalls A01 and B01) shall be sampled prior to entry into the on-site ditch tributary to the settling pond.

SPECIAL CONDITION 14. Discharges from the remediation system (Internal Outfall C01) shall be sampled prior to mixing with any other discharges associated with Outfall 001.

SPECIAL CONDITION 15. Sampling for Internal Outfall C01 shall occur at the same time as the sampling listed in Special Condition 12 and shall be submitted in accordance with Special Condition 12.

SPECIAL CONDITION 16. The permittee shall sample the effluent from Outfalls 002 and 003 on a semi-annual basis for all Volatile Organic Compounds covered by 40 CFR 136 Appendix A, Methods 624 and 625. All sample results shall be submitted on a semi-annual basis with the June and December Discharge Monitoring Reports to the address indicated in Special Condition 6.

If the results of this sampling indicate that additional monitoring requirements or limitations are necessary, the Agency may modify the permit following public notice and opportunity for comment.

SPECIAL CONDITION 17. IMTT Illinois LLC, Lemont Facility (IL0005126) timely filed a Time-Limited Water Quality Standard (TLWQS) for chloride (Case # PCB 2019-017) and is participating in the chloride workgroup for the CAWS dischargers. Since the permittee timely filed, the chloride water quality standard is stayed. IMTT must continue to participate in the workgroup and must comply with the Board Order resulting from the TLWQS (Case # PCB 2019-017).

SPECIAL CONDITION 18. The permittee shall complete the following described project in accordance with the following schedule:

3 months from effective date of permit	Prepare Sampling Plan for vinyl chloride testing
9 months from effective date of permit	Interim progress report on source of vinyl chloride
15 months from effective date of permit	Final report on source of vinyl chloride

NPDES Permit No. IL0005126

Special Conditions

21 months from effective date of permit	Report on treatment options for removing vinyl chloride
27 months from effective date of permit	Preliminary design completed for removing vinyl chloride
33 months from effective date of permit	Final design and permit application for construction
36 months from effective date of permit	Construction permit issued
48 months from effective date of permit	Construction complete, vinyl chloride limit goes into effect

The permittee shall submit a progress report to the Agency every six months from the effective date.

This Permit may be modified, with Public Notice, to include revised compliance dates set out in this Permit that are superseded or supplemented by compliance dates in judicial orders or Pollution Control Board orders. Prior to such permit modification, the revised dates on the appropriate orders shall govern the Permittee's compliance.

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.

Alliquot 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).
- (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) 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).

- (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.

PN Date 10-25-19

Permit No. IL0005126

Permittee Name IMTT- Illinois, LLC

RECEIVED

NOV 12 2019

IEPA
BOW/WPC/PERMIT SECTION

PLEASE CHECK THE APPROPRIATE ANSWER AND RETURN:

I will post the Public Notice for a period of 30 days.
beginning 11/5/19

I will not post the Public Notice.

Ed Finley

Signature

11/5/19

Date

IL 532-1579

WPC 528 6/87

Tsai, Shu-Mei

From: Tsai, Shu-Mei
Sent: Tuesday, October 29, 2019 12:59 PM
To: Newton, Larry
Cc: Paller, Ellen; Johnson, Traci
Subject: RE: NPDES IL0005126 IMTT Illinois - Lemont

Good afternoon,

The Agency received your comments. There is no mixing available for vinyl chloride, but the Agency agrees the compliance schedule for IMTT to achieve compliance. The Re-30 Day Public Notice Period started at 10/25 and will be end at 11/25. Please let me know if you have any comments. Thank you

Shu-Mei

From: Newton, Larry <LarryNewton@IMTT.Com>
Sent: Tuesday, October 29, 2019 12:41 PM
To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Cc: Paller, Ellen <EllenPaller@imtt.com>; Johnson, Traci <TraciJohnson@imtt.com>
Subject: [External] Re: NPDES IL0005126 IMTT Illinois - Lemont

I received a public notice permit today dated October 25, 2019. Please confirm that no revisions have been to the previous public notice draft that was issued August 20, 2019.

Also, I never received any response from the Agency regarding my letter dated October 3, 2019 where I requested a site visit for Agency personnel to discuss the vinyl chloride issue. Please advise whether this will take place prior to issuance of the permit.

Thank you

Larry Newton | Environmental Manager

INTERNATIONAL MATEX TANK TERMINALS

13589 Main Street, Lemont, IL 60439

24420 W. Durkee Road, Channahon, IL 60410

Office (630) 257-3960 | Cell (630) 768-0649

Email larrynewton@imtt.com

From: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Sent: Thursday, September 26, 2019 2:13 PM
To: Newton, Larry <LarryNewton@IMTT.Com>
Subject: RE: NPDES IL0005126 IMTT Illinois - Lemont

Larry:

Please check it and let me know. The Agency would like to issue this permit as soon as we can. Thank you

Shu-Mei

From: Newton, Larry <LarryNewton@IMTT.Com>
Sent: Thursday, September 26, 2019 2:12 PM
To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Subject: [External] Re: NPDES IL0005126 IMTT Illinois - Lemont

Thank you!

Larry Newton, Environmental Manager
IMTT ILLINOIS
630-257-3960, office
630-768-0649, cell

From: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Sent: Thursday, September 26, 2019 2:06:50 PM
To: Newton, Larry <LarryNewton@IMTT.Com>
Subject: RE: NPDES IL0005126 IMTT Illinois - Lemont

Per your request.

From: Newton, Larry <LarryNewton@IMTT.Com>
Sent: Thursday, September 26, 2019 10:17 AM
To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Subject: [External] Re: NPDES IL0005126 IMTT Illinois - Lemont

Thank you very much! Would you also be so kind as to provide the Water Quality Based Effluent Analysis completed July 11, 2019 that is referenced in your notes?

Larry Newton | Environmental Manager

INTERNATIONAL MATEX TANK TERMINALS

13589 Main Street, Lemont, IL 60439

24420 W. Durkee Road, Channahon, IL 60410

Office (630) 257-3960 | Cell (630) 768-0649

Email larrynewton@imtt.com

From: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Sent: Thursday, September 26, 2019 8:27 AM
To: Newton, Larry <LarryNewton@IMTT.Com>
Subject: RE: NPDES IL0005126 IMTT Illinois - Lemont

Good morning, Larry:

Enclosed the review note. Please keep in mind, after 15 days and 30 days public notice, the review notice could be not match with the draft permit.

Shu-Mei

From: Newton, Larry <LarryNewton@IMTT.Com>
Sent: Wednesday, September 25, 2019 3:21 PM
To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Subject: [External] Re: NPDES IL0005126 IMTT Illinois - Lemont

May I receive a copy of the permit reviewer notes for my application? Thank you!

Larry Newton | Environmental Manager

INTERNATIONAL MATEX TANK TERMINALS

13589 Main Street, Lemont, IL 60439

24420 W. Durkee Road, Channahon, IL 60410

Office (630) 257-3960 | Cell (630) 768-0649
Email larrynewton@imtt.com

From: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Sent: Wednesday, September 25, 2019 7:54 AM
To: Newton, Larry <LarryNewton@IMTT.Com>
Subject: RE: NPDES IL0005126 IMTT Illinois - Lemont

Good morning, Larry:

When will you submit the comments? Please let me know. Thank you

Shu-Mei

From: Newton, Larry <LarryNewton@IMTT.Com>
Sent: Tuesday, September 24, 2019 3:50 PM
To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Subject: [External] Re: NPDES IL0005126 IMTT Illinois - Lemont

We will have additional comments regarding this issue. Can we stop the clock?

Larry Newton | Environmental Manager

INTERNATIONAL MATEX TANK TERMINALS

13589 Main Street, Lemont, IL 60439

24420 W. Durkee Road, Channahon, IL 60410

Office (630) 257-3960 | Cell (630) 768-0649
Email larrynewton@imtt.com

From: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Sent: Tuesday, September 24, 2019 3:30 PM
To: Newton, Larry <LarryNewton@IMTT.Com>
Subject: NPDES IL0005126 IMTT Illinois - Lemont

Good afternoon, Larry:

You submitted a comment letter dated July 31, 2019 about vinyl chloride issue. However, the mail sent to different unit. When we received your letter, it had already passed the Public Notice Period.

This is the initial response for your comment:

The State regulation for vinyl chloride is 35 IAC 302.210 not 302.208 g as previously stated in the Public Notice/Fact Sheet for this permit. The Agency has corrected this error for future reference. The Agency included the vinyl chloride effluent limitation of 0.002 mg/L as a daily maximum value as this value is the human health water quality criteria. Previous data from effluent samples indicated there is a reasonable potential to exceed this value. Therefore, the Agency must include this effluent limitation.

The Agency is ready to issue this permit as soon as possible. Please let me know if you have any additional comments or questions. Thank you.

Shu-Mei Tsai,
Environmental Protection Engineer, Industrial Unit
Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency

ph: 217-782-0610
fax: 217-782-9891
Shu-Mei.Tsai@Illinois.gov

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IMTT-Illinois

A PARTNERSHIP

Lemont Facility

13589 Main Street Lemont, IL 60439
Phone (630) 257-6222 Fax (630) 257-7135

Joliet Facility

24420 W. Durkee Road Channahon, IL 60410
Phone (815) 423-2500 Fax (815) 423-2525

November 6, 2019

Mr. Darin E. LeCrone, P.E.
Manager, Industrial Unit, Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, IL 62702

RECEIVED

NOV 07 2019

IEPA
BOWWPC/PERMIT SECTION

Re: IMTT Illinois-Lemont Facility
Public Notice Draft NPDES Permit IL0005126
Vinyl Chloride Comments

Dear Mr. LeCrone:

Thank you for the opportunity to review the October 25, 2019 Public Notice Draft NPDES permit for above referenced discharge. We have reviewed the draft permit and find it acceptable except for the effluent limit on outfall 001 for vinyl chloride of a daily maximum of 0.002 mg/L. We believe this limit is inappropriate and respectfully request the Agency review this limit. In support of our request the following is offered.

Background

Outfall 001 discharges to what is the head waters of the I&M Canal on the west side of Route 83. When the Cal Sag Channel was constructed, it physically cut across the I&M Canal, so that now the I&M Canal ends east of Route 83 and then begins again at the IMTT Outfall 001 west of IMTT and Route 83. So the subject discharge is physically the headwaters for the receiving stream, and therefore there is no fish passing the outfall location.

Vinyl Chloride

IMTT operates a groundwater remediation system removing chlorinated solvents from the groundwater. After treatment, the groundwater is discharged to the lagoon system and is discharged through Outfall 001 with the other wastewater. Based on the *reasonable potential* analysis completed by the Agency, the maximum expected vinyl chloride in Outfall 001 is 0.0097 mg/L. (In the third quarter 2019, Outfall 001 contained 0.0081 mg/L vinyl chloride, the highest recorded in the past three years, so the estimate of 0.0097 mg/L appears reasonable).

Executive Office

321 St. Charles Avenue, New Orleans, LA 70130 (U.S.A.)

Phone (504) 586-8300 Fax (504) 525-9537

November 6, 2019 Letter

Page 2 of 3

Treatment

The combined wastewater that is discharged through Outfall 001 is treated through a series of lagoons, with some mechanical aeration. Vinyl chloride is readily air stripped and during the summer months the vinyl chloride levels are consistently below 0.002 mg/L. However, during the winter, air stripping efficiencies decline and ice build-up reduces the volatilization from the lagoon surfaces and vinyl chloride concentrations in Outfall 001 increase.

Effluent Limits

There are no numerical effluent limits for vinyl chloride in the Illinois Adm Code Water Quality Standards, which IMTT believes is the most appropriate standard. The Agency developed a vinyl chloride effluent limit based on a human health criteria of 0.002 mg/L, which is the public drinking water standard – unnecessarily stringent for IMTT's discharge. Apparently, the Agency applied 0.002 mg/L as protective from exposure to splashing, presumably based on some dermal exposure. This "splash factor" was then applied directly to the effluent as a limit without regard to actual water uses (recreational or otherwise) on the I&M Canal or the Chicago Sanitary and Ship Canal where the effluent eventually mixes. As the I&M Canal at the point of discharge is inaccessible to the public, it is not clear for whom this limit intends to protect.

Compliance Schedule

IMTT believes that if the Agency disagrees with this approach, and the effluent limit of 0.002 mg/L remains for vinyl chloride, then a compliance plan needs to be incorporated into the NPDES Permit before issuance to provide IMTT the time necessary to achieve compliance. The following compliance schedule is proposed if the no public exposure argument is rejected.

3 months from effective date of permit	Prepare Sampling Plan for vinyl chloride testing
9 months from effective date of permit	Interim progress report on source of vinyl chloride
15 months from effective date of permit	Final report on source of vinyl chloride
21 months from effective date of permit	Report on Treatment Options for removing vinyl chloride
27 months from effective date of permit	Preliminary design completed for removing vinyl chloride
33 months from effective date of permit	Final design and permit application for construction
36 months from effective date of permit	Construction permit issued
48 months from effective date of permit	Construction complete, vinyl chloride limit goes into effect

(continued)

November 6, 2019 Letter

Page 3 of 3

Conclusion

The inclusion of the vinyl chloride effluent limit is a significant issue to IMTT, and we do not believe the proposed limit is appropriate under the regulations or given actual water uses.

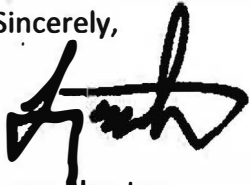
Finally, IMTT's current NPDES permit includes the following statement (which does not appear in the public notice draft) –

The discharge from Outfall 001 can flow, by gravity or be pumped, to the Illinois & Michigan Canal.

IMTT formally requests that this statement be included in the new permit once it becomes effective in order that there is no misinterpretation regarding "discharge."

Thank you for the opportunity to provide these comments. We look forward to working with the Agency in finalizing this permit.

Sincerely,

A handwritten signature in black ink, appearing to read "Larry Newton", written in a cursive style.

Larry Newton
Environmental Manager

Cc: Shu-Mei Tsai
Scott Twait
Brian Koch

Tsai, Shu-Mei

From: Paller, Ellen <EllenPaller@imtt.com>
Sent: Thursday, December 12, 2019 10:28 AM
To: Tsai, Shu-Mei
Subject: [External] FW: RE: NPDES IL0005126 IMTT Illinois - Lemont
Attachments: 11-06-2019 comments re vinyl chloride.docx

Just wanted to touch base again

Let me know if you have any questions

Thank you

From: Paller, Ellen
Sent: Friday, November 22, 2019 8:56 AM
To: 'Tsai, Shu-Mei' <Shu-Mei.Tsai@Illinois.gov>
Subject: FW: RE: NPDES IL0005126 IMTT Illinois - Lemont

Just following up on the below. Can we expect a response prior to public comment again?

From: Paller, Ellen
Sent: Monday, November 18, 2019 1:34 PM
To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Subject: RE: RE: NPDES IL0005126 IMTT Illinois - Lemont

We also requested the following:

“Finally, IMTT’s current NPDES permit includes the following statement (which does not appear in the public notice draft) –

The discharge from Outfall 001 can flow, by gravity or be pumped, to the Illinois & Michigan Canal.”

We would appreciate a response to the above and to the limits so we understand the reasoning or if you will accept the compliance schedule will that be made part of the permit?

Thank you for your assistance,

From: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Sent: Monday, November 18, 2019 1:12 PM
To: Paller, Ellen <EllenPaller@imtt.com>
Subject: RE: RE: NPDES IL0005126 IMTT Illinois - Lemont

Good afternoon, Ellen:

Just let you know that I didn't hear anything from the management so I believe the Agency may keep the same limit and requirement for vinyl chloride, thanks

Shu-Mei

From: Paller, Ellen <EllenPaller@imtt.com>
Sent: Monday, November 18, 2019 1:09 PM
To: Tsai, Shu-Mei <Shu-Mei.Tsai@Illinois.gov>
Subject: [External] RE: NPDES IL0005126 IMTT Illinois - Lemont

Just following up on our second submittal to the NPDES permit renewal.

Let me know if you have any additional questions that we can discuss.
Larry Newton has resigned and his last day will be next week so please correspond with me from now on.



Ellen Paller IEH&SS Manager
INTERNATIONAL MATEX TANK TERMINALS
13589 Main Street, Lemont, IL 60439
Office (630) 257-3953 Cell (630) 405-4069
Email ellenpaller@imtt.com

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STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

Permittee: IMTT Illinois – Lemont
Permit Number: IL0005126
Reviewed By: Shu-Mei Tsai

Page 1 of 1

Date: Monday, December 2, 2019

30-Day Notice Review Notes:

The Agency received a comment letter dated November 6, 2019 from Larry Newton

1. The inclusion of the vinyl chloride effluent limit is a significant issue to IMTT, and we do not believe the proposed limit is appropriate under the regulations or given actual water uses.

Response:

It was a reference error for vinyl chloride in the draft permit and it should be 35 IAC 302.210. According to the calculation from the Standards Unit, the 95% potential is 0.0097mg/L and it exceeds 0.002 mg/L of the standard of derived water quality criteria.

The Agency included a compliance schedule in Special Condition 18 for meeting effluent limitations of vinyl chloride pursuant to your letters of October 3, 2019 and November 6, 2019.

2. IMTT's current NPDES permit includes the following statement (which does not appear in the public notice draft) –

The discharge from Outfall 001 can flow, by gravity or be pumped, to the Illinois & Michigan Canal.

IMTT formally requests that this statement be included in the new permit once it becomes effective in order that there is no misinterpretation regarding "discharge."

Response:

The foot note has been added on page 2 of permit.

3. The Agency modified the permit for clarification purposes as follows:

The compliance schedule for vinyl chloride in Special Condition 18 is referenced on page 2 of the permit for clarification purposes. The initial sentence in Special Condition 18 has been modified to describe the proposed project for clarification purposes.

Action: Re-issue NPDES Permit



217/782-0610

December 13, 2019

IMTT Illinois, LLC
13589 Main Street
Lemont, Illinois 60439

Re: IMTT Illinois LLC
Lemont Facility
NPDES Permit No. IL0005126
Bureau ID# W0311620009
Final Permit

Gentlemen:

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.

In response to your comments received November 6, 2019, the Agency offers the following:

1. The reference for vinyl chloride has been corrected as 35 IAC 302.210. The Agency has included an effluent limitation for vinyl chloride of 0.002 mg/L due to a reasonable potential analysis. The Agency included a compliance schedule in Special Condition 18 for meeting effluent limitations of vinyl chloride pursuant to your letters of October 3, 2019 and November 6, 2019.
2. The foot note has been added on page 2 of the permit for clarification as requested.
3. The compliance schedule for vinyl chloride in Special Condition 18 is referenced on page 2 of the permit for clarification purposes. The initial sentence in Special Condition 18 has been modified to describe the proposed project for clarification purposes.

Pursuant to the Final NPDES Electronic Reporting Rule, all permittees must report DMRs electronically unless a waiver has been granted by the Agency. The Agency utilizes NetDMR, a web based application, which allows the submittal of electronic Discharge Monitoring Reports instead of paper Discharge Monitoring Reports (DMRs). More information regarding NetDMR can be found on the Agency website, <https://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/Pages/quick-answer-guide.aspx>. If your facility has received a waiver from the NetDMR program, a supply of preprinted paper DMR Forms will be sent to your facility. Additional information and instructions will accompany the preprinted DMRs. Please see the attachment regarding the electronic reporting rule.

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 Shu-Mei Tsai at 217/782-0610.

Sincerely,

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

DEL:SMT:18101001.smt

Attachment: Final Permit

cc: Records Unit
Compliance Assurance Section
Des Plaines Region
CMAP
DRSCW

NPDES Permit No. IL0005126

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: December 31, 2024

Issue Date: December 13, 2019
Effective Date: January 1, 2020

Name and Address of Permittee:

IMTT Illinois
13589 Main Street
Lemont, Illinois 60439

Facility Name and Address:

IMTT Illinois – Lemont Facility
13589 Main Street
Lemont, Illinois 60439
(Cook County)

Discharge Number and Name:

001 Combined Effluent Wastewater
A01 Treated Sanitary Wastewater
B01 Treated Sanitary Wastewater
C01 Treated Remediation Water
002 Stormwater Runoff
003 Stormwater Runoff

Receiving Waters:

Illinois and Michigan Canal

Illinois and Michigan Canal
Calumet Sag Channel

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.



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

DEL:SMT:18101001.smt

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 001 Combined Effluent Wastewater (DAF = 0.238 MGD) *

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/L			SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM			
The discharge consists of:							
1. Boiler Blowdown							
2. Water Softener Backflush							
3. Reverse Osmosis Reject							
4. Laboratory Waste							
5. Treated Sanitary Wastewater (A01 and B01)							
6. Safety Shower Test Water							
7. Fire Hose Hydrostatic Water							
8. Air Compressor Cooling Water							
9. Vehicle Washdown							
10. Tank Hydrostatic Test Water							
11. Stormwater Runoff*							
12. Scrubber Water							
13. Remediation Water (C01)							
14. Tank Steam Condensate							
Flow (MGD)	See Special Condition 1					1/Month	Measurement
pH	See Special Condition 2					1/Month	Grab
BOD ₅			30	60		1/Month	Grab
Temperature	See Special Condition 3.					1/Month	Single Reading
Total Residual Chlorine	See Special Condition 4.			0.05		1/Month	Grab
Total Suspended Solids			30	60		1/Month	Grab
Oil and Grease			15	30		1/Month	Grab
Iron (Total)			2	4		1/Month	Composite
Chloride			Monitor Only			1/Month	Grab
Vinyl Chloride	See Special Condition 18.			0.002		1/Month	Grab
Ammonia			30 Day Average	Weekly Average	Daily Maximum	1/Month	Grab
	Spring/Fall		3.2	7.9	15.0		
	Summer		2.3	5.8	15.0		
	Winter		5.6	14.0	15.0		
Dissolved Oxygen			Monthly Average not less than	Weekly Average not less than	Daily Minimum	1/Month	Grab
	March – July		5	6			
	August – February		3.5	4	5.5		
Stormwater	See Special Condition 12						

*The discharge from Outfall 001 can flow by gravity or be pumped to the Illinois and Michigan Canal.

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall A01 Treated Sanitary Wastewater (DAF = 0.015 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
BOD ₅	3.75	7.50	30	60	1/Month	Grab
Total Suspended Solids	3.75	7.50	30	60	1/Month	Grab
Fecal Coliform	See Special Condition 5.			400/100 ml	1/Month	Grab

See Special Condition 13

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall B01 Treated Sanitary Wastewater (DAF = 0.015 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
BOD ₅	3.75	7.50	30	60	1/Month	Grab
Total Suspended Solids	3.75	7.50	30	60	1/Month	Grab
Fecal Coliform	See Special Condition 5.			400/100 ml	1/Month	Grab

See Special Condition 13

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall C01 Remediation Water* (DAF = 200 gpd)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2				1/Month	Grab
Total Organic Carbon			Monitor Only		1/Quarter**	Grab
1,2 Dichloroethane			Monitor Only		1/Quarter**	Grab

* - See Special Condition 14.

** - See Special Condition 15.

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 002 Stormwater (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				2/Year	Measure
Volatile Organic Compounds	See Special Condition 16.		Monitor Only		2/Year	Grab
Stormwater	See Special Condition 12.					

NPDES Permit No. IL0005126

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall 003 Stormwater (Intermittent Discharge)

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 1.				2/Year	Measure
Volatile Organic Compounds	See Special Condition 16.		Monitor Only		2/Year	Grab
Stormwater	See Special Condition 12.					

NPDES Permit No. IL0005126

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum on the Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.5 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. This facility is not allowed any mixing with the receiving stream in order to meet applicable water quality thermal limitations. Therefore, discharge of wastewater from this facility must meet the following thermal limitations prior to discharge into the receiving stream.

A. The discharge must not exceed the maximum limits in the following table during more than one percent of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature of the discharge exceed the maximum limits in the following table by more than 1.7° C (3° F).

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
°F	60	60	60	90	90	90	90	90	90	90	90	60
°C	16	16	16	32	32	32	32	32	32	32	32	16

B. In addition, the discharge shall not cause abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.

C. The discharge shall not cause the maximum temperature rise above natural temperatures to exceed 2.8° C (5° F).

D. The monthly maximum value shall be reported on the DMR form.

SPECIAL CONDITION 4. All samples for Total Residual Chlorine shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration. Any analytical variability of the method used shall be considered when determining the accuracy and precision of the results obtained.

SPECIAL CONDITION 5. The daily maximum fecal coliform count shall not exceed 400 per 100 ml.

SPECIAL CONDITION 6. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic 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 is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <https://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/Pages/quick-answer-guide.aspx>

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver 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

SPECIAL CONDITION 7. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

SPECIAL CONDITION 8. 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.

NPDES Permit No. IL0005126

Special Conditions

SPECIAL CONDITION 9. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 10. In the event the permittee shall require the use of water treatment additives other than those previously approved by the Agency, or if the permittee increases the feed rate or quantity of the additives used beyond what has previously been approved by the Agency, the permittee shall request a modification of this permit in accordance with the Standard Conditions - Attachment H.

SPECIAL CONDITION 11. 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 12.**STORM WATER POLLUTION PREVENTION PLAN (SWPPP)**

A. A storm water pollution prevention plan shall be maintained by the permittee for the storm water associated with industrial activity at this facility. The plan shall identify potential sources of pollution which may be expected to affect the quality of storm water discharges associated with the industrial activity at the facility. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with industrial activity at the facility and to assure compliance with the terms and conditions of this permit. The permittee shall modify the plan if substantive changes are made or occur affecting compliance with this condition.

1. Waters not classified as impaired pursuant to Section 303(d) of the Clean Water Act.

Unless otherwise specified by federal regulation, the storm water pollution prevention plan shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event.

2. Waters classified as impaired pursuant to Section 303(d) of the Clean Water Act

For any site which discharges directly to an impaired water identified in the Agency's 303(d) listing, and if any parameter in the subject discharge has been identified as the cause of impairment, the storm water pollution prevention plan shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event. If required by federal regulations, the storm water pollution prevention plan shall adhere to a more restrictive design criteria.

- B. The operator or owner of the facility shall make a copy of the plan available to the Agency at any reasonable time upon request.

Facilities which discharge to a municipal separate storm sewer system shall also make a copy available to the operator of the municipal system at any reasonable time upon request.

- C. The permittee may be notified by the Agency at any time that the plan does not meet the requirements of this condition. 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 may affect the discharge of significant quantities of pollutants to the waters of the State or if a facility inspection required by paragraph H of this 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 objective of controlling pollutants in storm water discharges. Amendments to the plan shall be made within 30 days of any proposed construction or operational changes at the facility, and shall be provided to the Agency for review upon request.

- E. 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 storm water outfalls at the facility. The plan shall include, at a minimum, the following items:

1. 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 a municipal storm drain system or other water body. The requirements of this paragraph may be included on the site map if appropriate. Any map or portion of map may be withheld for security reasons.
2. A site map showing:
 - i. The storm water conveyance and discharge structures;
 - ii. An outline of the storm water drainage areas for each storm water discharge point;

NPDES Permit No. IL0005126

Special Conditions

- iii. Paved areas and buildings;
 - iv. Areas used for outdoor manufacturing, storage, or disposal of significant materials, including activities that generate significant quantities of dust or particulates.
 - v. Location of existing storm water structural control measures (dikes, coverings, detention facilities, etc.);
 - vi. Surface water locations and/or municipal storm drain locations
 - vii. Areas of existing and potential soil erosion;
 - viii. Vehicle service areas;
 - ix. Material loading, unloading, and access areas.
 - x. Areas under items iv and ix above may be withheld from the site for security reasons.
3. A narrative description of the following:
- i. The nature of the industrial 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;
 - ii. Materials, equipment, and vehicle management practices employed to minimize contact of significant materials with storm water discharges;
 - iii. Existing structural and non-structural control measures to reduce pollutants in storm water discharges;
 - iv. Industrial storm water discharge treatment facilities;
 - v. Methods of onsite storage and disposal of significant materials.
4. A list of the types of pollutants that have a reasonable potential to be present in storm water discharges in significant quantities. Also provide a list of any pollutant that is listed as impaired in the most recent 303(d) report.
5. 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.
6. A summary of existing sampling data describing pollutants in storm water discharges.
- F. 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:
1. Storm Water Pollution Prevention Personnel - Identification by job titles of the individuals who are responsible for developing, implementing, and revising the plan.
 2. Preventive Maintenance - Procedures for inspection and maintenance of storm water conveyance system 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.
 3. Good Housekeeping - Good housekeeping requires the maintenance of clean, orderly facility areas that discharge storm water. Material handling areas shall be inspected and cleaned to reduce the potential for pollutants to enter the storm water conveyance system.
 4. 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 cleanup equipment and procedures should be identified, as appropriate. Internal notification procedures for spills of significant materials should be established.
 5. 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

NPDES Permit No. IL0005126

Special Conditions

from storm water discharge shall be implemented. In developing the plan, the following management practices shall be considered:

- i. **Containment - Storage within berms or other secondary containment devices to prevent leaks and spills from entering storm water runoff. To the maximum extent practicable storm water discharged from any area where material handling equipment or activities, raw material, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water should not enter vegetated areas or surface waters or infiltrate into the soil unless adequate treatment is provided.**
 - ii. **Oil & Grease Separation - Oil/water separators, booms, skimmers or other methods to minimize oil contaminated storm water discharges.**
 - iii. **Debris & Sediment Control - Screens, booms, sediment ponds or other methods to reduce debris and sediment in storm water discharges.**
 - iv. **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.**
 - v. **Storm Water Diversion - Storm water diversion away from materials manufacturing, storage and other areas of potential storm water contamination. Minimize the quantity of storm water entering areas where material handling equipment or activities, raw material, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water using green infrastructure techniques where practicable in the areas outside the exposure area, and otherwise divert storm water away from exposure area.**
 - vi. **Covered Storage or Manufacturing Areas - Covered fueling operations, materials manufacturing and storage areas to prevent contact with storm water.**
 - vii. **Storm Water Reduction - Install vegetation on roofs of buildings within adjacent to the exposure area to detain and evapotranspire runoff where precipitation falling on the roof is not exposed to contaminants, to minimize storm water runoff; capture storm water in devices that minimize the amount of storm water runoff and use this water as appropriate based on quality.**
6. **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. The plan shall describe measures to limit erosion.**
 7. **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.**
 8. **Inspection Procedures - Qualified plant personnel shall be identified to inspect designated equipment and plant 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.**
- G. **Non-Storm Water Discharge - The plan shall include a certification that the discharge has been tested or evaluated for the presence of non-storm water discharge. The certification shall include a description of any test for the presence of non-storm water discharges, the methods used, the dates of the testing, and any onsite 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.**
 - H. **Quarterly Visual Observation of Discharges - The requirements and procedures for quarterly visual observations are applicable to all outfalls covered by this condition.**
 1. **You must perform and document a quarterly visual observation of a storm water discharge associated with industrial activity from each outfall. The visual observation must be made during daylight hours. If no storm event resulted in runoff during daylight hours from the facility during a monitoring quarter, you are excused from the visual observations requirement for that quarter, provided you document in your records that no runoff occurred. You must sign and certify the document.**
 2. **Your visual observation must be made on samples collected as soon as practical, but not to exceed 1 hour or when the runoff or snow melt begins discharging from your facility. All samples must be collected from a storm event discharge that is greater than 0.1 inch in magnitude and that occurs at least 72 hours from the previously measureable (greater than 0.1 inch rainfall) storm event. The observation must document: color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution. If visual observations indicate any unnatural color, odor, turbidity,**

NPDES Permit No. IL0005126

Special Conditions

floatable material, oil sheen or other indicators of storm water pollution, the permittee shall obtain a sample and monitor for the parameter or the list of pollutants in Part E.4.

3. You must maintain your visual observation reports onsite with the SWPPP. The report must include the observation date and time, inspection personnel, nature of the discharge (i.e., runoff or snow melt), visual quality of the storm water discharge (including observations of color, odor, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution), and probable sources of any observed storm water contamination.
 4. You may exercise a waiver of the visual observation requirement at a facility that is inactive or unstaffed, as long as there are no industrial materials or activities exposed to storm water. If you exercise this waiver, you must maintain a certification with your SWPPP stating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to storm water.
 5. Representative Outfalls - If your facility has two or more outfalls that you believe discharge substantially identical effluents, based on similarities of the industrial activities, significant materials, size of drainage areas, and storm water management practices occurring within the drainage areas of the outfalls, you may conduct visual observations of the discharge at just one of the outfalls and report that the results also apply to the substantially identical outfall(s).
 6. The visual observation documentation shall be made available to the Agency and general public upon written request.
- I. The permittee shall conduct an annual facility inspection 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 industrial storm water discharges are accurate. Observations that require a response and the appropriate response to the observation shall be retained as part of the plan. Records documenting significant observations made during the site inspection shall be submitted to the Agency in accordance with the reporting requirements of this permit.
 - J. This 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 there under, and Best Management Programs under 40 CFR 125.100.
 - K. The plan is considered a report that shall be available to the public at any reasonable time upon request.
 - L. 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.
 - M. Facilities which discharge storm water associated with industrial activity to municipal separate storm sewers may also be subject to additional requirement imposed by the operator of the municipal system

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).

- N. If any statement or representation is found to be incorrect, this authorization may be revoked and the permittee there upon waives all rights there under.
- O. 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.
- P. Plans and specifications of all treatment equipment being included as part of the stormwater management practice shall be included in the SWPPP.
- Q. Construction activities which result from treatment equipment installation, including clearing, grading and excavation activities which result in the disturbance of one acre or more of land area, are not covered by this authorization. The permittee shall contact the IEPA regarding the required permit(s).

REPORTING

- R. The facility shall submit an electronic copy of the annual inspection report to the Illinois Environmental Protection Agency at epa.npdes.inspection@illinois.gov. The report shall include results of the annual facility inspection which is required by Part I of this condition. The report shall also include documentation of any event (spill, treatment unit malfunction, etc.) which would require

NPDES Permit No. IL0005126

Special Conditions

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). The annual inspection report is considered a public document that shall be available at any reasonable time upon request.

- S. The first report shall contain information gathered during the one year time period beginning with the effective date of coverage under this permit and shall be submitted no later than 60 days after this one year period has expired. Each subsequent report shall contain the previous year's information and shall be submitted no later than one year after the previous year's report was due.
- T. If the facility performs inspections more frequently than required by this permit, the results shall be included as additional information in the annual report.
- U. The permittee shall retain the annual inspection report on file at least 3 years. This period may be extended by request of the Illinois Environmental Protection Agency at any time.
- V. Annual inspection reports shall be submitted to one of the following addresses:
- a. Electronic Quarterly Reports should be submitted to
epa.indannualinsp@illinois.gov
 - b. If electronic submittal is unavailable, reports should be mailed to:
Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section, Mail Code #19
Annual Inspection Report
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
- W. The permittee shall notify any regulated small municipal separate storm sewer owner (MS4 Community) that they maintain coverage under an individual NPDES permit. The permittee shall submit any SWPPP or any annual inspection to the MS4 community upon request by the MS4 community.

SPECIAL CONDITION 13. Discharges from the sanitary waste treatment systems (Internal Outfalls A01 and B01) shall be sampled prior to entry into the on-site ditch tributary to the settling pond.

SPECIAL CONDITION 14. Discharges from the remediation system (Internal Outfall C01) shall be sampled prior to mixing with any other discharges associated with Outfall 001.

SPECIAL CONDITION 15. Sampling for Internal Outfall C01 shall occur at the same time as the sampling listed in Special Condition 12 and shall be submitted in accordance with Special Condition 12.

SPECIAL CONDITION 16. The permittee shall sample the effluent from Outfalls 002 and 003 on a semi-annual basis for all Volatile Organic Compounds covered by 40 CFR 136 Appendix A, Methods 624 and 625. All sample results shall be submitted on a semi-annual basis with the June and December Discharge Monitoring Reports to the address indicated in Special Condition 6.

If the results of this sampling indicate that additional monitoring requirements or limitations are necessary, the Agency may modify the permit following public notice and opportunity for comment.

SPECIAL CONDITION 17. IMTT Illinois LLC, Lemont Facility (IL0005126) timely filed a Time-Limited Water Quality Standard (TLWQS) for chloride (Case # PCB 2019-017) and is participating in the chloride workgroup for the CAWS dischargers. Since the permittee timely filed, the chloride water quality standard is stayed. IMTT must continue to participate in the workgroup and must comply with the Board Order resulting from the TLWQS (Case # PCB 2019-017).

SPECIAL CONDITION 18. The permittee shall complete the described project for compliance with the vinyl chloride effluent limitation in accordance with the following schedule:

3 months from effective date of permit

Prepare Sampling Plan for vinyl chloride testing

9 months from effective date of permit

Interim progress report on source of vinyl chloride

NPDES Permit No. IL0005126

Special Conditions

15 months from effective date of permit	Final report on source of vinyl chloride
21 months from effective date of permit	Report on treatment options for removing vinyl chloride
27 months from effective date of permit	Preliminary design completed for removing vinyl chloride
33 months from effective date of permit	Final design and permit application for construction
36 months from effective date of permit	Construction permit issued
48 months from effective date of permit	Construction complete, vinyl chloride limit goes into effect

The permittee shall submit a progress report to the Agency every six months from the effective date.

This Permit may be modified, with Public Notice, to include revised compliance dates set out in this Permit that are superseded or supplemented by compliance dates in judicial orders or Pollution Control Board orders. Prior to such permit modification, the revised dates on the appropriate orders shall govern the Permittee's compliance.

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.