

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

VILLAGE OF HOMEWOOD,)	
HOMEWOOD ILLINOIS,)	
VILLAGE OF ORLAND PARK,)	
ORLAND PARK ILLINOIS,)	
VILLAGE OF MIDLOTHIAN,	)	PCB 16-14 (Homewood)
MIDLOTIAN ILLINOIS, VILLAGE	)	PCB 16-15 (Orland Park)
OF TINLEY PARK, TINLEY PARK	)	PCB 16-16 (Midlothian)
ILLINOIS, EXXONMOBIL	)	PCB 16-17 (Tinley Park)
OIL CORPORATION, VILLAGE OF	)	PCB 16-18 (ExxonMobil)
WILMETTE, CITY OF COUNTRY	)	PCB 16-20 (Wilmette)
CLUB HILLS, COUNTRY CLUB	)	PCB 16-21 (Country Club Hills)
HILLS ILLINOIS, NORAMCO-CHICAGO,	)	PCB 16-22 (Noramco-Chicago)
INC., FLINT HILLS RESOURCES	)	PCB 16-23 (Flint Hills Resources)
JOLIET, LLC, CITY OF EVANSTON,	)	PCB 16-25 (Evanston)
VILLAGE OF SKOKIE, ILLINOIS	)	PCB 16-26 (Skokie)
DEPARTMENT OF TRANSPORTATION,	)	PCB 16-27 (IDOT)
METROPOLITAN WATER RECLAMATION	)	PCB 16-29 (MWRDGC)
DISTRICT OF GREATER CHICAGO,	)	PCB 16-30 (Richton Park)
VILLAGE OF RICHTON PARK, VILLAGE OF	)	PCB 16-31 (Lincolnwood)
LINCOLNWOOD, and CITY OF OAK	)	PCB 16-33 (Oak Forest)
FOREST, OAK FOREST ILLINOIS,	)	(Time-Limited Water Quality
	)	Standard)
	)	(Consolidated)
Petitioners,)	
v.)	
)	
ILLINOIS ENVIRONMENTAL PROTECTION)	
AGENCY,)	
)	
Respondent.)	

NOTICE OF FILING

TO: Don Brown	Brad Halloran
Clerk of the Board	Hearing Officer
Illinois Pollution Control Board	Illinois Pollution Control Board
100 W. Randolph Street, Suite 11-500	100 W. Randolph Street, Suite 11-500
Chicago, Illinois 60601	Chicago, Illinois 60601
(VIA ELECTRONIC MAIL)	(VIA ELECTRONIC MAIL)

(SEE PERSONS ON ATTACHED SERVICE LIST)

PLEASE TAKE NOTICE that I have today filed with the Office of the Clerk of the Illinois Pollution Control Board an **Individual Submittal in Support of Petition for Chloride Time-Limited Water Quality Standard (“TLWQS”) for the Defined Chicago Area Water System / Des Plaines River Watershed** for Flint Hills Resources Joliet, LLC, a copy of which is herewith served upon you.

Respectfully submitted,

Dated: July 26, 2018

By: /s/ Joshua J. Houser
One of Its Attorneys

Katherine D. Hodge
Joshua J. Houser
HEPLERBROOM, LLC
4340 Acer Grove Drive
Springfield, Illinois 62711
Katherine.Hodge@heplerbroom.com
Joshua.Houser@heplerbroom.com
(217) 528-3674

CERTIFICATE OF SERVICE

I, the undersigned, on oath state the following:

That I have served the attached **Individual Submittal in Support of Petition for Chloride Time-Limited Water Quality Standard (“TLWQS”) for the Defined Chicago Area Water System / Des Plaines River Watershed** for Flint Hills Resources Joliet, LLC via electronic mail upon:

Don Brown
Clerk of the Board
Illinois Pollution Control Board
100 W. Randolph Street, Suite 11-500
Chicago, Illinois 60601
Don.Brown@illinois.gov

PCB 2016-014@
Sara Terranova
IEPA
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276
sara.terranova@illinois.gov

PCB 2016-014@
Stefanie N. Diers
IEPA
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276
Stefanie.diers@illinois.gov

PCB 2016-015@
Dennis Walsh
Klein, Thorpe & Jenkins
15010 S. Ravinia Avenue
Suite 17
Orland Park, IL 60477
dgwalsh@ktjlaw.com

Brad Halloran
Hearing Officer
Illinois Pollution Control Board
100 W. Randolph Street, Suite 11-500
Chicago, Illinois 60601
Brad.Halloran@illinois.gov

PCB 2016-014@
Christopher J. Cummings
Christopher J. Cummings, P.C.
2024 Hickory Road
Suite 205
Homewood, IL 60430
chris@CJCummingsLaw.com

PCB 2016-014@
Albert Ettinger
Law Firm of Albert Ettinger
53 W. Jackson
Suite 1664
Chicago, IL 60604
ettinger.albert@gmail.com

PCB 2016-015@
E. Kenneth Friker
Klein, Thorpe & Jenkins
15010 S. Ravinia Avenue
Suite 17
Orland Park, IL 60477
ekfriker@ktjlaw.com

PCB 2016-014, -020@
Dennis G. Walsh
Scott F. Uhler
Erin K. Lavery
20 N. Wacker Drive
Suite 1660
Chicago, IL 60606
dgwalsh@ktjlaw.com
suhler@ktjlaw.com
eklavery@ktjlaw.com

PCB 2016-016@
David J. Freeman
Robbins, Schwartz, Nicholas,
Lifton & Taylor, Ltd
631 E. Boughton Road
Suite 200
Bolingbrook, IL 60440
dfreeman@robbins-schwartz.com

PCB 2016-016, -017@
Dennis Walsh
Klein, Thorpe & Jenkins
15010 S. Ravinia Avenue
Suite 17
Orland Park, IL 60477
dgwalsh@ktjlaw.com

PCB 2016-021@
Amber M. Samuelson
Rosenthal, Murphey, Coblentz
& Donahue
30 N. LaSalle Street, Suite 1624
Chicago, IL 60602
ASamuelson@rmcj.com

PCB 2016-021@
Peter D. Coblentz
Rosenthal, Murphey, Coblentz
& Donahue
30 N. LaSalle Street, Suite 1624
Chicago, IL 60602
pcoblentz@rmcj.com

PCB 2016-025@
W. Grant Farrar
City of Evanston Law Dept
2100 Ridge Road
Suite 4400
Evanston, IL 60201
gfarrar@cityofevanston.org

PCB 2016-016@
Peter Murphy
11800 S. 75th Avenue
Suite 101
Palos Heights, IL 60463
pmmlawyer@aol.com

PCB 2016-018@
Katherine D. Hodge
Heplerbroom, LLC
4340 Acer Grove Drive
Springfield, IL 62711
Katherine.Hodge@heplerbroom.com

PCB 2016-025@
W. Grant Farrar
City of Evanston
555 Lincoln St.
Evanston, IL 60201
gfarrar@cityofevanston.org

PCB 2016-022@
John P. Antonopoulos
Antonopoulos & Virtel, PC
15419 127th Street
Suite 100
Lemont, IL 60439
john@avlawoffice.net

PCB 2016-023@
Katherine D. Hodge
Heplerbroom, LLC
4340 Acer Grove Drive
Springfield, IL 62711
Katherine.Hodge@heplerbroom.com

PCB 2016-025@
David Stoneback, Director
City of Evanston
555 Lincoln St.
Evanston, IL 60201
dstoneback@cityofevanston.org

PCB 2016-025@
Lindsey Ott
City of Evanston
555 Lincoln St.
Evanston, IL 60201
Lott@cityofevanston.org

PCB 2016-026@
Melanie Pettway
Village of Skokie
5127 Oakton Street
Skokie, IL 60077
melanie.pettway@skokie.org

PCB 2016-027@
Matthew D. Dougherty
Special Assistant Attorney General
Illinois Dept. of Transportation
2300 S. Dirksen Parkway
Springfield, IL 62764
Matthew.Dougherty@illinois.gov

PCB 2016-029@
Fredric P. Andes
Paul M. Drucker
Barnes & Thornburg
1 N. Wacker Drive
Suite 4400
Chicago, IL 60602

PCB 2016-018, -023@
Joshua Houser
Heplerbroom, LLC
4340 Acer Grove Drive
Springfield, IL 62711
Joshua.Houser@heplerbroom.com

PCB 2016-025@
Mario Treto
Corporation Counsel
City of Evanston Law Department
2100 Ridge Road
Evanston, IL 60201
mtreto@cityofevanston.org

PCB 2016-026@
James G. McCarthy
Village of Skokie
5127 Oakton Street
Skokie, IL 60077
james.mccarthy@skokie.org

PCB 2016-026@
Michael M. Lorge
Village of Skokie
5127 Oakton Street
Skokie, IL 60077
michael.lorge@skokie.org

PCB 2016-029@
Margaret T. Conway
Metropolitan Water Reclamation
District
100 E. Erie Street
Chicago, IL 60611
Margaret.conway@mwr.org

PCB 2016-030@
Amber M. Samuelson
Rosenthal, Murphey, Coblenz
& Donahue
30 N. LaSalle Street, Suite 1624
Chicago, IL 60606
ASamuelson@rmcj.com

fandes@btlaw.com
pdrucker@btlaw.com

PCB 2016-030@
Peter D. Coblentz
Rosenthal, Murphey Coblentz
& Donahue
30 N. LaSalle Street, Suite 1624
Chicago, IL 60602
pcoblentz@rmcj.com

PCB 2016-031 @
Hart M. Passman
Holland & Knight LLC
131 S. Dearborn Street
30th Floor
Chicago, IL 60603
hart.passman@hklaw.com

PCB 2016-033 @
Richard Rinchich
Director of Public Works
City of Oak Forest
15440 S. Central Avenue
Oak Forest, IL 60452
rrinchich@oak-forest.org

PCB 2016-033 @
Erin K. Lavery
Klein, Thorpe & Jenkins, Ltd.
20 N. Wacker Drive
Suite 1660
Chicago, IL 60606
eklavery@ktjlaw.com

PCB 2016-031 @
Andrew N. Fiske
Holland & Knight LLC
131 S. Dearborn Street
30th floor
Chicago, IL 60603
andrew.fiske@hklaw.com

PCB 2016-031 @
Steven M. Elrod
Holland & Knight LLC
131 S. Dearborn Street
30th Floor
Chicago, IL 60603
steven.elrod@hklaw.com

PCB 2016-033 @
Dennis G. Walsh
Klein, Thorpe & Jenkins, Ltd.
20 N. Wacker Drive
Suite 1660
Chicago, IL 60606
dgwalsh@ktjlaw.com

PCB 2016-033 @
Scott F. Uhler
Klein, Thorpe & Jenkins, Ltd.
20 N. Wacker Drive
Suite 1660
Chicago, IL 60606
suhler@ktjlaw.com

That my email address is Joshua.Houser@heplerbroom.com.

That the number of pages in the email transmission is 13 pages.

That the email transmission took place before 5:00 p.m. on the date of July 26, 2018.

/s/ Joshua J. Houser
Joshua J. Houser

Date: July 26, 2018

ILLINOIS POLLUTION CONTROL BOARD

Docket Numbers: PCB 2016-14, PCB 2016-15, PCB 2016-16, PCB 2016-17, PCB 2016-18,
PCB 2016-20, PCB 2016-21, PCB 2016-22, PCB 2016-23, PCB 2016-25, PCB 2016-26,
PCB 2016-27, PCB 2016-29, PCB 2016-30, PCB 2016-31, PCB 2016-33
Time-Limited Water Quality Standard) (Consolidated)

*Individual Submittal in Support of Petition for Chloride Time-Limited Water Quality Standard
("TLWQS") for the Defined Chicago Area Water System/Des Plaines River Watershed*

This Individual Submittal supplements the Joint Submittal in Support of Petition for Chloride Time-Limited Water Quality Standard for the Defined Chicago Area Waterway System/Des Plaines River Watershed ("Joint Submittal"), submitted in the above-referenced docket numbers. The Joint Submittal incorporated by reference, together with this Individual Submittal, satisfies the requirements of 35 IAC Part 104, Subpart E for each Facility.

An Individual Submittal must be made for each permitted Facility discharging to a reach in the Watershed defined by the Joint Submittal that seeks to be covered by the TLWQS in this Docket.

This Individual Submittal must be made no later than July 26, 2018 for continued coverage (or initial coverage for new petitioners) under the current stay of effectiveness of the chlorides standards, found in 35 IAC 302.407(g)(2) and (g)(3).

Note: Discharges to General Use waters in the Watershed, which are subject to the chlorides standards in 35 IAC 302.208(g), can participate in the TLWQS, but the stay does not apply to those discharges.

Individual Discharger Information

1. Facility Name of Individual Discharger: Flint Hills Resources Joliet, LLC
2. Owner/Operator of Facility: Flint Hills Resources Joliet, LLC
3. Address of Facility: 23425 Amoco Road, Channahon, IL 60410
4. Contact Information for Facility's Responsible Official:
Name: Mike Brose Title: Plant Manager
Mailing Address: P.O. Box 941, Joliet, IL 60434
Phone Number: 815-467-3200 Email: mike.brose@fhr.com
5. Permit Number of Facility (include both National Pollutant Discharge Elimination System ("NPDES") Permits and Municipal Separate Storm Sewer System ("MS4") Permits that may be affected by the TLWQS): NPDES Permit No. IL0001643

6. Are there any pending permit applications filed with Illinois Environmental Protection Agency that do not appear as part of the Joint Submittal's Appendices 5 and 6?

☒ Yes ☐ No

If Yes, provide the application number for the pending permit(s): Renewal application for
NPDES Permit No. IL0001643,
dated March 1, 2017

7. Select Category of Facility:

☐ Publicly Owned Treatment Works ("POTW") ☒ Industrial Source
☐ Illinois Department of Transportation/Illinois Tollway ☐ Salt Storage Facility
☐ Community with Combined Sewer Overflow ("CSO") Outfalls ☐ MS4

Location of Individual Discharger

8. Each Individual Submittal must provide the specific location information in the Watershed for the Facility seeking coverage under the TLWQS. Select the location of the discharge from the Facility from the list below:

The Chicago Area Waterway System ("CAWS") includes the following reaches:

☐ Chicago River, ☐ North Branch of the Chicago River,
☐ South Branch of the Chicago River, ☐ Chicago Sanitary and Ship Canal,
☐ Cal-Sag Channel, ☐ Grand Calumet River, ☐ Lake Calumet,
☐ Lake Calumet Connecting Channel, ☐ Calumet and Little Calumet Rivers, and
☐ North Shore Channel

The Lower Des Plaines River ("LDPR") includes the following areas:

☒ Des Plaines River from the Kankakee River to the Will County Line,
☐ Hickory Creek, ☐ Union Ditch, ☐ Spring Creek, ☐ Marley Creek, and
☐ East Branch of Marley Creek

9. The specific discharge locations for the Facility are:

- a. Outfall number(s): 001, 002, 003, 004 and 005
- b. General description of outfall location:
All outfalls are located on the east side of the Facility along the west bank of Lower
Des Plaines River. See Joint Submittal Appendix 6, at 8; see also Facility outfall
location map, attached as Exhibit 1.
- c. Outfall(s) appears on CAWS or LDPR list of Discharge Points (Joint Submittal Appendices 5 and 6): ☒ Yes ☐ No

TLWQS Requirements

10. Has any prior variance applied to the discharge from this Facility? ____ Yes ☒ No

If yes, please identify the variance providing similar relief, including any Illinois Pollution Control Board docket number issued to the Individual Discharger, watershed, water body, waterbody segment, and if known, the Individual Discharger's predecessors.

Facility-Specific TLWQS Requirements

11. The Facility agrees to implement all of the Best Management Practices ("BMPs") included for the Industrial Source Category (from #8, above) for the Facility that are specified for implementation in snow/deicing practices in Chapter 2 of the Joint Submittal.

12. Identify any past or currently in-use BMPs at the Facility for minimizing the discharge of chlorides.

See current BMPs attached as Exhibit 2. Also, in addition to Joint Submittal Ch. 2, FHR is attaching as Exhibit 3 discharge data demonstrating that the chloride concentration in the Facility's effluent can exceed the chloride standard in 35 IAC 302.407(g)(3).

13. Will any additional BMPs, beyond those included for the Category of the Facility for implementation in snow/deicing practices in Chapter 2 of the Joint Submittal, be implemented? ____ Yes ☒ No

If Yes, describe any additional BMPs:

14. By six (6) months after the effective date of the TLWQS, each Facility covered by the TLWQS must have a Pollutant Minimization Plan (PMP) that contains specific details as to how the BMPs will be implemented and includes appropriate elements from the documentation procedures identified in Appendix 54 of the Joint Submittal. Chapter 9 of the Joint Submittal describes these requirements in more detail.

Has the Facility already developed a PMP to address its discharge of chlorides?

____ Yes ☒ No

If Yes, what is the date of the PMP? _____

If the Facility has not already developed the described PMP, does the Facility agree to develop the described PMP no later than six (6) months after the effective date of the TLWQS?

☒ Yes ____ No

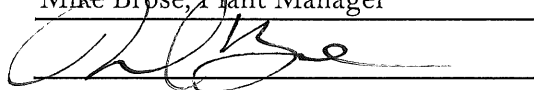
Certification

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.

Name & Official Title (*Type or Print*)

Mike Brose, Plant Manager

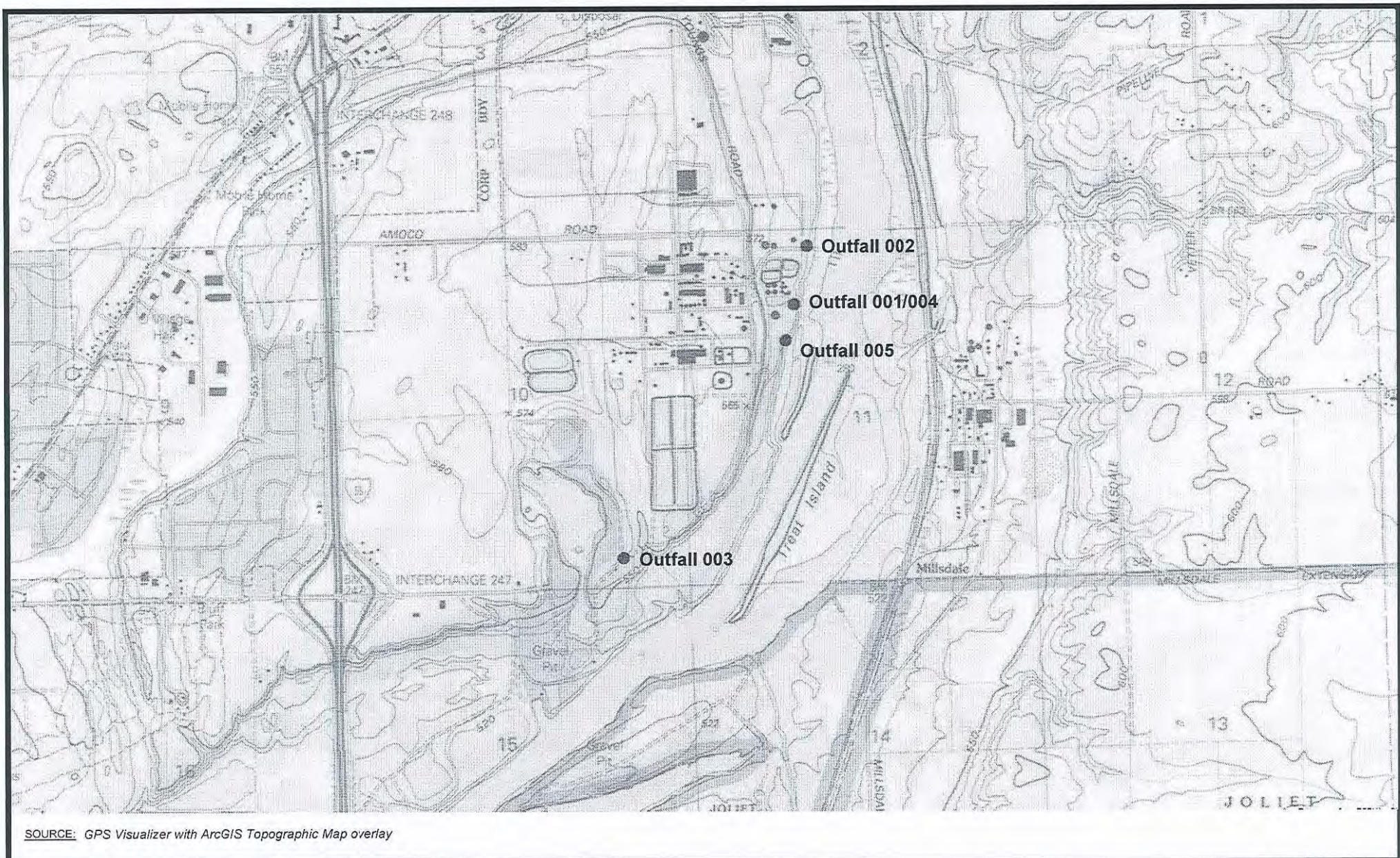
Signature



Date Signed

25 July 2018

EXHIBIT 1



RAMBOLL ENVIRON

TOPOGRAPHIC MAP WITH OUTFALL LOCATIONS
Flint Hills Resources Joliet, LLC
NPDES Permit No. IL0001643

FIGURE
1

DRAFTED BY: L. Legler

DATE: 09/13/2016

PROJECT: 3840062A

Current Best Management Practice(s) (BMPs) at the Facility for minimizing the discharge of chlorides

Salt Storage: Impervious Pad, Completely Covered, Runoff Containment, Indoor Storage, Good housekeeping, Level loading Areas.

Variable Application Rates accounting for: Pavement temperature, Precipitation rate/type, Level of Service

Calibration: Before Winter Season, Regular schedule (Periodically)

Measurement: Condition of Road vs. Severity of Storm, Salt usage overall

Accountability:

- Plan developed and guidelines followed, Plan and guidelines distributed
- No Salt Usage unless treated at temps below 15 degrees F and greater than 0 degrees F, Use of Forecasting Services Training for all appropriate staff

Application:

- 1) Use mechanical removal asap and throughout storm
- 2) Use of methods to reduce bounce and scatter:
 - a. Reduce speed
 - b. Lower spinner elevation
 - c. Chutes or skirts
 - d. Reduced spinner speed
 - e. Target center of road

EXHIBIT 3

**Flint Hills Resources Joliet, LLC – Chlorides Concentration at Stormwater Outfalls
(December 2014 – April 2017)**

Outfall 002		Outfall 003		Outfall 005	
Sample Date	Cl (mg/L)	Sample Date	Cl (mg/L)	Sample Date	Cl (mg/L)
3/25/2015	315	3/25/2015	182	3/25/2015	859
4/2/2015	366	4/2/2015	91	4/2/2015	<7.0
12/1/2015	139	12/1/2015	69	12/1/2015	135
2/2/2016	592	2/2/2016	49	2/2/2016	764
4/6/2016	140	4/6/2016	47	4/6/2016	310
1/16/2017	<7.0	1/16/2017	<7.0	1/16/2017	<7.0
2/7/2017	71.8	2/7/2017	52.9	2/7/2017	68.6
3/7/2017	<7.0	3/7/2017	42.3	3/7/2017	<7.0
No sample	No sample	3/15/2017	40	No sample	No sample
4/3/2017	159	4/3/2017	59	4/3/2017	69