MID 087738431

Severstal International

December 13, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: November 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The November monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. The report contains the November wildlife survey report and the operators' inspection logs. No wildlife was potentially exposed in the month of November.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9319
E: Jim.Earl@severstalna.com
www.severstalna.com

Severstal
International

CONTINUING EMERGENCY MEASURES

THE MONTHLY PROGRESS REPORT
FOR
November 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN, LLC

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period November 1 through November 30, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good, except for a small opening at the bottom of the west of the berm area. A work order has been placed to repair the fence. Netting was in-place over the north end of the Primary Lagoon and across the East and West Sludge Ponds. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

A Wildlife Survey was conducted on November 12-13, 2013 and a copy of the report is provided in Appendix A. Inspection reports show seasonal activities observed in the general area, and no significant issues at the site were identified. Dr. Gates, Severstal's wildlife consultant, also reviewed and summarized the SRWWTP operation inspections for the period of October 22 to November 11, 2013 in the Wildlife Survey Report.

The summary of daily inspection findings is provided in Appendix B. Copies of the inspection reports are also provided in Appendix B. Daily Inspections show normal activities observed throughout the area.

In the month of November, on several occasions, blue herons were observed near or using one of the treatment plant impoundments and were scared off with the air horns. The birds flew or ran away after horn blasts, so persistent hazing with the air horn was necessary.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in November. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures

taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by vacuum truck.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place. There is a small opening at the bottom of the fence west of the berm area. A work order has been placed to repair the fence. Propane cannons operated properly in November 2013 except for few days due to rain and strong wind. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence?* In November, there were observations of blue herons near or using one of the treatment plant impoundments. In some cases, the birds or animals flew or walked away on their own, but more often persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix B.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

No oil-water mixture was hauled off-site in the month of November 2013.

APPENDIX A

Wildlife Survey

Monthly Wildlife Survey Report
Schaefer Road Wastewater Treatment Plant
Severstal Dearborn, LLC
November 12-13, 2013

Prepared by:
Dr. Robert J. Gates
School of Environment and Natural Resources
The Ohio State University
210 Kottman Hall
2021 Coffey Road
Columbus, OH 43210-1085
FAX: 614-292-7432
gates.77@osu.edu -- Phone 614-292-9571

Submitted to:
Mr. James Earl, Manager, Environmental Engineering
Severstal Dearborn.

Copied to:
Mr. Sid Haymour, Mr. David Williamson, and Ms. Lan Trinh,
Severstal Dearborn; David Rockman, Eckert Seamans, Cherin, and Mellott, LLC

Wildlife survey conducted and reported by:
Dr. Robert J. Gates, School of Environment and Natural Resources, The Ohio State University

Survey Dates: 12-13 November, 2013
Reporting Date: 13 November, 2013

I. WILDLIFE DISTRIBUTION, ABUNDANCE, ACTIVITY AND RESPONSE TO DETERRENT MEASURES

Procedure:

Wildlife surveys were conducted from 3 hours before sunset through 1 hour after sunset and from 1 hour before sunrise through 3 hours after sunrise during 12-13 November, 2013. Nine survey points (see Figure 1) were established at strategic locations that provided complete visual coverage of the primary and secondary lagoons, sludge ponds, clarifiers, and grit chambers at the Schaefer Road Wastewater Treatment Plant (SRWWTP). Four survey points (not shown in Figure 1) were established at the southeast, southwest, northwest, and northeast corners of the diked lagoon.

The surface waters, shorelines, and nearby areas were searched with aid of binoculars to detect presence and record activity and abundance of all species of wildlife

(birds, mammals, reptiles, and amphibians). Shorelines of the primary, secondary, and diked lagoons and sludge ponds were surveyed to detect and sign (droppings, tracks, feathers, or other physical remains) of past wildlife use and to find wildlife carcasses. No carcasses or other remains of dead wildlife were found during the November 2013 monthly surveys.

Locations, activities (perched, flying [altitude and direction], walking, resting feeding, etc), were recorded for all wildlife observed during 5-15 minute observation periods at each survey point. Wildlife response to deterrent measures was observed throughout the evening and morning survey rounds. Wildlife sign indicating past use (e.g. tracks, droppings, feathers and other remains, etc.) were observed and recorded while walking between survey points.

Three evening (12 November, 2013) and three morning (13 November, 2013) rounds of surveys were completed for the entire set of survey points. Walking surveys of the fence perimeter, bermed area, or other remote areas of the SRWWTP also were conducted at least once during the morning or evening survey periods.

Survey Results:

Evening, 12 November, 2013

The first round of evening wildlife surveys at the SRWWTP began at 2:30 pm and was completed by 4:25 pm on 12 November, 2013. The survey included the 13 survey points associated with the lagoons, clarifiers sludge ponds, grit pits, and the bermed area (Figure 1). Air temperature was 36° F, there was no precipitation, and cloud cover was 40% overcast. Winds were from the north at 10-15 mph. Visibility around the survey points and walking route was minimally obstructed by fog or steam rising from water bodies at the SRWWTP and overall coverage of the area was 100% with coverage of all survey points.

A total of 34 observations of 7 bird species were recorded during the first evening survey round on 12 November, 2013 (Table 1). Ring-billed gulls were observed flying over the perimeter fence, primary lagoon, and the bermed area at 100-150 feet altitude. Two red-tailed hawks were observed soaring over the perimeter fence at 200 feet altitude within 50 feet west of the secondary lagoon. One immature red-tailed hawk was flushed from a tree perch within 20 feet from the southwest corner of the diked lagoon. The American crow was perched in a tree just outside of the west perimeter fence. Nearly all of the American Robins, dark-eyed juncos, and field sparrows were flushed from ground or tree perches in the bermed area. One song sparrow was flushed from a ground perch within 20 feet of the southwest corner of the diked lagoon.

None of the birds observed during the first evening survey on 12 November, 2013 attempted to land on or near any of the SRWWTP water surfaces or other areas that are potentially hazardous to wildlife. No other birds were observed on or within 5 feet of water surfaces of the primary, secondary, and diked lagoons, or the sludge ponds,

clarifiers and grit pits. No birds were observed inside the netting or goose-lines surrounding the lagoons. Fresh coyote scat (identified by size, shape, consistency, and presence of hair) was observed on the road east of the bermed area. Several sets of bird tracks (likely American robin) were observed within 5-20 feet south of the east sludge pond. No other wildlife, or tracks and sign of wildlife were observed.

The second round of evening wildlife surveys began at 4:30 pm and was completed by 5:30 pm on 12 November, 2013. The surveys covered only the 13 survey points associated with the lagoons, clarifiers sludge ponds, and grit pits (Figure 1). Air temperature was 32-35° F, there was no precipitation, and cloud cover was 15-20% overcast. Winds were from the north at 10-15 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from water bodies at the SRWWTP and overall coverage of the area was 100%.

A total of 270 observations of 6 bird species were recorded during the second evening survey round on 12 November, 2013 (Table 2). A flock of 25 American robins was observed feeding on the ground on the south end of the SRWWTP, 50 feet south of the sludge ponds. Most (25) of the remaining American robins were observed perched in trees or on the ground outside the perimeter fence or within the bermed area. One American robin flew over the south end of the diked lagoon at 15 feet altitude and another robin flew over the diked lagoon to perch in a nearby tree. Fifteen American robins and 6 dark-eyed juncos were seen perched on the ground in the bermed area west of the diked lagoon. One great blue heron flew over the diked lagoon at 40 feet altitude. A second great blue heron flew over the south end of the clarifiers at 150 feet altitude. Two field sparrows flew at 15 feet altitude within 20 feet from the southwest corner of the diked lagoon. Two large flocks of European starlings flew over the bermed area at 40 feet altitude. One of the flocks totaling ~150 starlings perched in trees within the bermed area. Five more starlings flew over the perimeter fence at 20 feet altitude within 30 feet from the south end of the secondary lagoon.

None of the birds observed during the second evening survey on 12 November, 2013 attempted to land on or near any of the SRWWTP water surfaces or other areas that are potentially hazardous to wildlife. No other birds were observed on or within 5 feet of water surfaces of the primary, secondary, and diked lagoons, or the sludge ponds, clarifiers and grit pits. No birds were observed inside the netting or goose-lines surrounding the lagoons. No wildlife, or tracks and sign of wildlife were observed.

The third round of evening wildlife surveys at the SRWWTP began at 5:35 pm and was completed by 6:20 pm on 13 November, 2013. The surveys covered only the 13 survey points associated with the lagoons, clarifiers sludge ponds, and grit pits. (Figure 1). Air temperature was 32° F, there was no precipitation, and cloud cover was 15-20% overcast. Winds were from the north at 10-15 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from water bodies at the SRWWTP and overall coverage of the area was 100%. The survey was conducted after sunset at a fast pace to detect any birds that may have flown in to roost on water surfaces of the SRWWTP.

One herring gull was observed flying at 50 feet altitude over the south end of the secondary lagoon during the third evening survey on 12 November, 2013 (Table 3). The herring gull did not attempt to land on or near any of the SRWWTP water surfaces or other areas that are potentially hazardous to wildlife. No birds were observed on or within 5 feet of water surfaces of the primary, secondary, and diked lagoons, or the sludge ponds, clarifiers and grit pits. No birds were observed inside the netting or goose-lines surrounding the lagoons. No other wildlife, or tracks and sign of wildlife were observed.

Morning, 13 November, 2013

The first round of morning wildlife surveys began at 6:25 am and was completed by 7:00 am on 13 November, 2013. Air temperature was 21° F, there was no precipitation, and cloud cover was 0% overcast. Winds were from the west-northwest at 0-5 mph. Visibility around the survey points and walking route was partially obstructed by fog rising from water surfaces of the SRWWTP but overall coverage of the area was 100% after visiting all survey points. The surveys covered only the 13 survey points associated with the lagoons, clarifiers sludge ponds, and grit pits (Figure 1). The survey was conducted before sunrise at a fast pace to detect any birds that may have been present on or within 5 feet of the water surfaces of the SRWWTP before sunrise.

Walking inspections of the sludge ponds, clarifiers, all three lagoons, and the grit pits revealed that there were no birds present on these areas before sunrise. No birds were observed on or within 5 feet of water surfaces of the primary, secondary, and diked lagoons, or the sludge ponds, clarifiers and grit pits. No birds attempted to land on or within 5 feet of water surfaces of the SRWWTP. No birds were observed inside the netting or goose-lines surrounding the lagoons. No observations, tracks, or signs of other wildlife were observed.

The second round of morning wildlife surveys began at 7:00 am and was completed by 8:50 am on 13 November, 2013. Air temperature was 21° F, there was no precipitation, and cloud cover was 0% overcast. Winds were from the west-northwest at 0-5 mph. Visibility of the primary and secondary lagoon was ~20% from individual survey points, but complete coverage was obtained 100% after visiting all survey points.

A total of 129 observations of 12 bird species were recorded during the third morning survey on 13 November, 2013 (Table 4). Eight ring-billed gulls were observed flying at 75-200 feet altitude over the secondary lagoon and sludge ponds. Thereafter, 2-3 ring-billed gulls were repeatedly seen flying over the primary and secondary lagoons at 100-200 feet altitude. Three herring gulls flew over the perimeter fence at 100-150 feet altitude. Two flocks totaling 21 Canada geese were seen outside the perimeter fence flying over the Rouge River at 75-150 feet altitude. One Cooper's hawk flew at 50 feet altitude over the north end of the secondary lagoon and then perched in a tree outside the perimeter fence, 75 feet west of the secondary lagoon outflow. One red-tailed hawk was perched on a cottonwood tree in the bermed area, 30 feet north of the diked lagoon.

Thirty rock pigeons flew over the sludge ponds at 50 feet altitude. Two mourning doves flew over the north end of the primary lagoon at 100 feet altitude. Two American robins flew over the primary lagoon at 80 feet altitude. The remaining 22 American robins were seen or heard flying over or perched outside the perimeter fence and in the bermed and idle areas. A total of 31 European starlings were seen flying over the south end of the SRWWTP, including the sludge ponds at 40-60 feet altitude. The song sparrow and dark-eyed juncos were seen and flushed from ground or tree perches in the bermed area. Two field sparrows were heard within 20 feet west of the diked lagoon.

No birds were observed on or within 5 feet of water surfaces of the any of the three lagoons, or the sludge ponds, clarifiers, and grit pits during the second morning survey on 13 November, 2013. No birds attempted to land on or within 5 feet of water surfaces of the SRWWTP. No birds were observed inside the netting or goose-lines surrounding the lagoons. No observations or signs of other wildlife were observed.

The third round of morning wildlife surveys at the SRWWTP began at 9:17 am and was completed by 10:55 am on 22 October, 2013. The surveys covered the perimeter fence and the 13 survey points associated with the lagoons, clarifiers sludge ponds, and grit pits (Figure 1). Air temperature was 22° F, cloud cover was 0% overcast, and there was no precipitation. Winds were from the west-northwest at 0-5 mph. Visibility around the survey points and walking route was partially obstructed by fog rising from water surfaces of the SRWWTP. Visibility of the primary and secondary lagoon was ~50% from individual survey points, but complete coverage of water surfaces of the SRWWTP was 100% after visiting all survey points.

A total of 34 observations of 7 bird species were recorded during the third morning survey on 13 November, 2013 (Table 5). Eight American robins were observed perched in bushes in the idle area inside the perimeter fence on the north end of the SRWWTP. One American robin flew over the clarifiers at 40 feet altitude and another robin flew over the perimeter fence 20 feet west of the sludge ponds at 40 feet altitude. Three ring-billed gulls and 3 herring gulls were seen flying at 40-50 feet altitude over the primary and secondary lagoons. Two field sparrows were seen at the perimeter fence 70 feet east of the secondary lagoon. Seven field sparrows were perched on the ground or in trees along with 5 dark-eyed juncos in the northwest corner of the idle area. Two more field sparrows here heard calling from Phragmites along the perimeter road 200 feet northwest of the bermed area. One Cooper's hawk flew over the secondary lagoon and perched in a tree outside the perimeter fence 70 feet west of the secondary lagoon. One killdeer was seen flying over the idle area 100 feet northwest of the diked lagoon.

No birds were observed on or within 5 feet of water surfaces of the primary, secondary, and diked lagoons, or the sludge ponds, clarifiers and grit pits during the third morning survey on 13 November, 2013. No birds attempted to land on or within 5 feet of water surfaces of the SRWWTP. No birds were observed inside the netting or goose-lines surrounding the lagoons. No observations, tracks, or signs of other wildlife were observed.

Table 1. Summary of bird species observations recorded during point count and walking surveys conducted during the first evening survey at the Schaefer Road Wastewater Treatment Plant on 12 November, 2013. Numbers in parentheses indicate numbers of birds observed perched within the fencing, netting, or goose-lines of the sludge ponds, clarifiers, and lagoons. See text for more details.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Red-tailed Hawk	*Buteo jamaicensis*					1(0)		2		3
Ring-billed Gull	*Larus delawarensis*			1(0)			1	2		4
American Crow	*Corvus brachyrhynchos*							1		1
American Robin	*Turdus migratorius*						3			3
Dark-eyed Junco	*Juncohyemalis*						20			20
Field Sparrow	*Spizella puzilla*						2			2
Song Sparrow	*Melospiza melodia*					1(0)				1
Total		0(0)	0(0)	1(0)	0(0)	2(0)	26	5	0	34

Table 2. Summary of bird species observations recorded during point count and walking surveys conducted during the second evening survey at the Schaefer Road Wastewater Treatment Plant on 12 November, 2013. Numbers in parentheses indicate numbers of birds observed perched within the fencing, netting, or goose-lines of the sludge ponds, clarifiers, and lagoons. See text for more details.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Great Blue Heron	*Ardea Herodias*		1(0)			1(0)				2
Ring-billed Gull	*Larus delawarensis*				2(0)	1(0)				3
American Robin	*Turdus migratorius*				3(0)	1(0)	17	31		52
European Starling	*Sturnus vulgaris*				5(0)		200			205
Dark-eyed Junco	*Juncohyemalis*						6			6
Field Sparrow	*Spizella puzilla*					2(0)				2
Total		0(0)	1(0)	0(0)	10(0)	5(0)	223	31	0	270

Table 3. Summary of bird species observations recorded during point count and walking surveys conducted during the third evening survey at the Schaefer Road Wastewater Treatment Plant on 12 November, 2013. Numbers in parentheses indicate numbers of birds observed perched within the fencing, netting, or goose-lines of the sludge ponds, clarifiers, and lagoons. See text for more details.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Herring Gull	*Larus argentatus*				1(0)					1
Total		0(0)	0(0)	0(0)	1(0)	0(0)	0	0	0	1

Table 4. Summary of bird species observations recorded during point count and walking surveys conducted during the second morning survey at the Schaefer Road Wastewater Treatment Plant on 13 November, 2013. Numbers in parentheses indicate numbers of birds observed perched within the fencing, netting, or goose-lines of the sludge ponds, clarifiers, and lagoons. See text for more details.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Canada goose	Branta Canadensis							21		21
Cooper's Hawk	*Accipiter cooperii*				1(0)	1(0)				2
Red-tailed Hawk	*Buteo jamaicensis*						1			1
Herring Gull	*Larus argentatus*							3		3
Ring-billed Gull	*Larus delawarensis*	2(0)		2(0)	4(0)					8
Rock Pigeon	*Columba livia*	30(0)								30
Mourning Dove	*Zenaida macroura*			2(0)						2
American Robin	*Turdus migratorius*			2(0)			4	15	3	24
European Starling	*Sturnus vulgaris*	30(0)			1(0)					31
Dark-eyed Junco	*Junco hyemalis*						3			3
Field Sparrow	*Spizella puzilla*					2(0)				2
Song Sparrow	*Melospiza melodia*						2			2
Total		62(0)	0(0)	6(0)	6(0)	3(0)	10	39	3	129

Table 5. Summary of bird species observations recorded during point count and walking surveys conducted during the third morning survey at the Schaefer Road Wastewater Treatment Plant on 13 November, 2013. Numbers in parentheses indicate numbers of birds observed perched within the fencing, netting, or goose-lines of the sludge ponds, clarifiers, and lagoons. See text for more details.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Killdeer	*Charadrius vociferous*								1	1
Herring Gull	*Larus argentatus*			3(0)						3
Ring-billed Gull	*Larus delawarensis*			1(0)	2(0)					3
Cooper's Hawk	*Accipiter cooperi*				1(0)					1
American Robin	*Turdus migratorius*	1(0)	1(0)						8	10
Dark-eyed Junco	*Juncohyemalis*								5	5
Field Sparrow	*Spizella puzilla*						2	2	7	11
Total		1(0)	1(0)	4(0)	3(0)	0(0)	2	2	21	34

II. CONDITION, OPERATION, AND FUNCTIONALITY OF WILDLIFE DETERRENT AND OIL CONTACT PREVENTION MEASURES

Procedure:

Thorough walking inspections of the wildlife deterrent measures were completed once each morning and evening during successive wildlife surveys rounds (see objectives 1 and 2). The location, number, condition and functionality of the wildlife deterrent and oil contact prevention measures were evaluated and recorded. Inspections of wildlife deterrent and oil prevention measures recorded during daily inspections conducted by Severstal Dearborn personnel were summarized for comparison with observations recorded during the monthly survey.

Inspection Results:

Primary Lagoon

Three scare-eye balloons were deployed on the fence-line surrounding the primary lagoon during 12-13 November 2013. All were fully inflated and functional. One propane cannon was deployed on the primary lagoon and was operating normally. One wind dancer was deployed and also was operating normally. The propane cannon was still operating when the second evening survey round was completed by 6:20 pm on 12 November 2013. The wind dancer and propane cannon were not operating at the beginning of the first morning survey on 13 November, 2013. The SRWWTP operator re-started the wind dancer and propane cannon before by 8:00 am on 13 November, 2013. The propane cannon appeared to fire at a slower rate under the cold air temperatures (21-22° F) during the morning surveys. The fence-line was conspicuously-flagged with mylar tape. The netting surrounding the outflow was fully functional, anchored tight to the ground, with no obvious holes or gaps that would allow entry by anything but small-sized species of wildlife.

Two horizontal rope oil skimmers were deployed at the primary lagoon, one near the outflow at the north end and the other near inflow at the south end. The oil skimmers operated under control of the SRWWTP operator during the morning and evening surveys on 12-13 November, 2013. The oil skimmers did not operate overnight when the SRWWTP operation is monitored remotely. Skimmers were turned on by the SRWWTP operator at 8:00 am on 13 November, 2013. The rope skimmer at the outflow of the primary lagoon broke later that morning. A fabric boom oil boom was deployed in the northeast corner of the primary lagoon.

Oil sheen was not evident over much of the primary lagoon due to strong winds on 12-13 November, 2013. One patch (4 x 10 feet) of oil accumulated in eddies outside the metal boom near the southwest corner of the primary lagoon during the evening of 12 November, 2013. This oil patch was larger (6 x 55 feet) during the morning survey on 13 November, 2013. Surface water oil accumulated in those eddies and could be removed if

skimmers, belts, or pumps could reach across the metal boom. Small patches (4-8 x 6-10 feet) of oil generally collected at both ends of the two rope skimmers.

A small patch of oil was observed under the netting in the northeast corner of the primary lagoon. Small (3 X 3 feet) patches of oil also accumulated in corners where metal booms contacted the windward shoreline. Residual vegetation at the shoreline also collected oil. Tall emergent vegetation was present inside the netting at the outflow of the primary lagoon. These included a 4 x 15 feet patch of senescent cattail (*Typha* spp.) and a 5 x 30 feet patch of senescent common reed (*Phragmites australis*). Small scattered patches of common reed (2 x 10 feet) and millet (*Echinocloa* spp.; 3 x 15 feet) were evident along the west shoreline of the primary lagoon.

Secondary Lagoon

Four scare-eye balloons were deployed on the goose-line surrounding the secondary lagoon during 12-13 November, 2013. All but one balloon were fully inflated and functioning properly. One propane cannon was deployed on the secondary lagoon and was operating normally. One wind dancer was deployed and was operating normally. The propane cannon was still operating when the second survey round was completed by 6:20 pm on 12 November 2013. The wind dancer and propane cannon were not operating at the beginning of the first morning survey on 12 November, 2013. The SRWWTP operator re-started the wind dancer and propane cannon before 8:00 am on 13 November, 2013. The propane cannon appeared to fire at a slower rate under the cold air temperatures (21-22° F) during the morning surveys. The goose-line fence was sparsely-flagged with mylar tape.

Two horizontal rope oil skimmers were deployed at the north and south ends of the secondary lagoon. One vertical belt oil skimmer also was deployed near the south end at the bend of the secondary lagoon. The horizontal oil skimmers operated intermittently under control of the SRWWTP operator on 12-13 November, 2013. The vertical belt skimmer at the south end of the secondary lagoon was operating during 12-13 November, 2013. The oil skimmers did not operate overnight when the SRWWTP operation is monitored remotely and were re-started by the operator by 8:00 am on 13 November, 2013.

There were few patches of light oil sheen on the surface of secondary lagoon on 12-13 November, 2013, due to high winds. Small (3 x 4 feet) patches of oil were noted along the windward east shoreline of the secondary lagoon, mostly where oil booms intersected the windward shoreline. Small (3 x 3 feet) patches of oil accumulated where the oil skimmers were deployed. The secondary lagoon was largely devoid of vegetation except for scattered patches of dead vegetation.

Diked Lagoon

Two scare-eye balloons were deployed on the goose-line surrounding the diked lagoon during 12-13 November 2013. All were fully inflated and functioning properly.

One propane cannon was deployed on the diked lagoon was operating normally during the evening of 12 November, 2013. However, the cannon discharged at a slower rate during the morning of 13 November, 2013, likely due to low air temperatures. The propane cannon was still operating when the second survey round was completed by 6:20 pm on 12 November 2013. The propane cannon was not operating at the beginning of the first morning survey on 13 November, 2013. The SRWWTP operator re-started the propane cannon before 8:00 am on 13 November, 2013. Gaps in the goose-line fence that were noted during the October monthly inspection were replaced with plastic caution tape or heavy string. The goose-line was sparsely flagged with mylar tape.

No oil skimmers were deployed on the diked lagoon. There were scattered patches of oil sheen across the diked lagoon on 12-13 November, 2013. There was a 1-5 x 50 feet patch of oil along about 25% of the southeast shoreline of the diked lagoon. This patch of oil was being removed by a vacuum truck on 13 November, 2013. The diked lagoon was almost entirely devoid of shoreline vegetation.

Perimeter Fence

Mylar flagging was conspicuously deployed along the perimeter fence west of the secondary lagoon. The fence was intact and functional. There was a small opening at the bottom of the fence west of the bermed area where animals as large as coyotes could crawl through to enter the SRWWTP. A hole large enough to admit a coyote-sized mammal also was discovered under the chain-link fence on the west perimeter.

Sludge Ponds, Clarifiers, and Grit Pits

Netting was deployed over the sludge ponds. The sludge pond netting was anchored tight to the ground with no holes or gaps that would allow entry by anything but small-sized birds, mammals or herptiles. The netting was held well above the surface of the east sludge pond. There were two places where the netting sagged into the water surface of the east sludge pond. Sagged netting would provide opportunity for birds to contact oil in the west sludge pond. No other deterrent measures were deployed at the sludge ponds, clarifiers, or grit pits. Rotating oil skimmers remove surface oil from the clarifiers. No oil skimmers were deployed at the sludge ponds or grit pits. No vegetation was present around the clarifiers or grit pits. The sludge ponds were largely devoid of live vegetation except for a few common reed stems around the margins. Dead emergent vegetation (cattails and common reed) covered <10% of the west sludge pond and < 5% of the east sludge pond.

SRWWTP Operator

Effective deterrent activities by the SRRWTP operator were observed during 12-13 November, 2013. The SRWWTP operator regularly patrolled the lagoons, sludge ponds clarifiers, grit pits, and surrounding area. Birds were effectively hazed from the site and the operator was clearly knowledgeable and conscientious about deterring wildlife from using the SRWWTP.

III. REVIEW OF DAILY WILDLIFE OBSERVATIONS, DETERRENT INSPECTION AND OIL REMOVAL MEASURES

This section of the report summarizes the results of daily inspections of wildlife activity, wildlife deterrents, and oil exposure preventive measures during 22 October – 11 November, 2013. Incidences and evidence of wildlife exposure or contact with oiled surfaces are reported from inspections of records maintained by the SRWWTP operators. On-going risks or exposure of wildlife to oiled surfaces are evaluated based on observations recorded during the monthly evening and morning surveys. Wildlife observations recorded during daily wildlife activity inspections were compared with observations recorded during the morning and evening monthly surveys conducted on 12-13 November.

Results:

A total of 728 observations of 12 bird species were recorded during daily wildlife activity surveys conducted by SRWWTP operators during 22 October – 11 November, 2013 (Table 6). The species and relative numbers of bird species were generally similar to those detected during monthly surveys conducted on 12-13 November, 2013. However, common grackles and mourning doves were notably absent or observed in low numbers during monthly surveys on 12-13 November, 2013 compared to the daily surveys. Relatively more gulls, sparrows, and European starlings were observed during the monthly surveys compared to observations tallied during the daily surveys. The operators may be confusing common grackles with other species such as red-winged blackbirds, robins, or European starlings. After discussing bird identification with one of the operators, it became apparent that rock pigeons were sometimes mistaken for mourning doves.

One hundred thirty of 728 observations of birds were associated with the primary (28 records), secondary (44 records), and diked (18 records) lagoons, the sludge ponds (10 records), and the bermed area (30 records). Only 17 observations were from on or within 5 feet of water surfaces. There were no carcasses recovered by the operators, although it was reported that three grebes and several grackles did not leave the area after being hazed by the operator. No birds were observed to be oiled, impaired, or dead as a result of contact with lagoon surface waters during the daily wildlife inspections.

Overall bird activity was low during the monthly surveys conducted on 12-13 November, 2013 Bird activity was possibly limited by cold temperatures during the evening and morning surveys and by restricted visibility during the morning of 13 November, 2013. No birds landed on any of the lagoons after sunset as was observed during the September monthly surveys. No birds or other wildlife were detected that were exposed, impaired or found dead as a result of exposure to oiled surfaces or other areas potentially hazardous to wildlife at the SRWWTP.

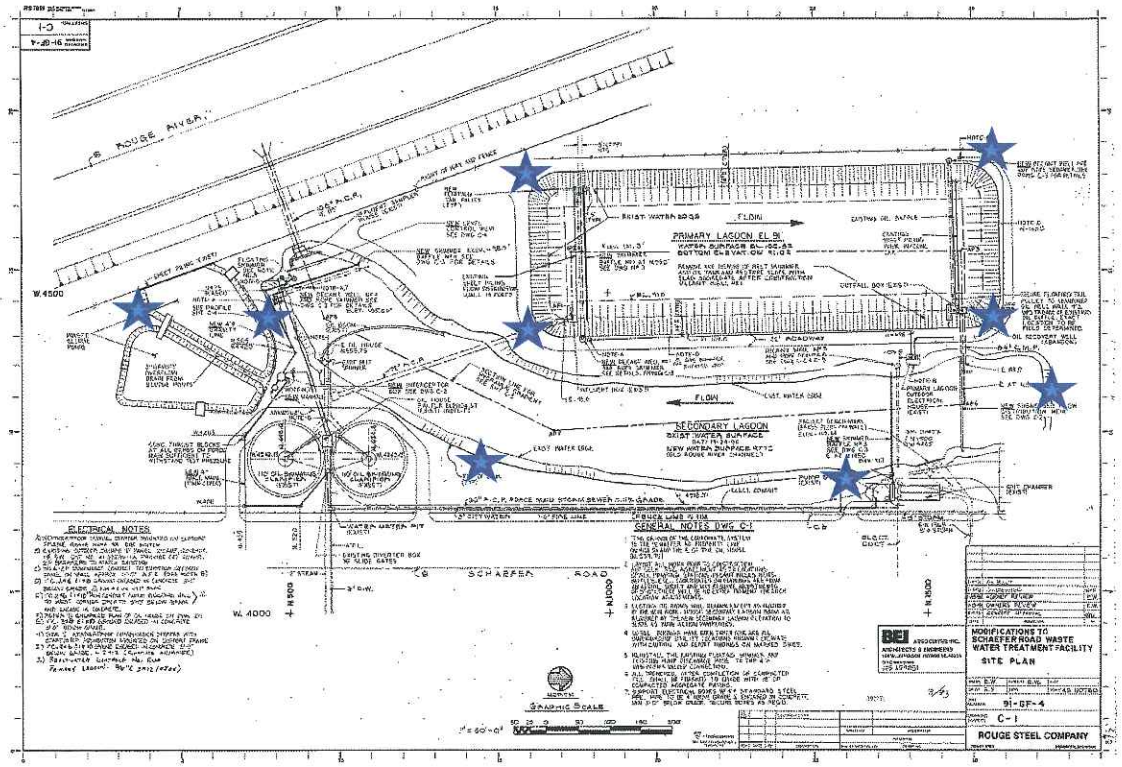
Wildlife deterrents and oil removal measures were inspected twice per day (42 total inspections) by SRWWTP operators between 9:00 am and 1:00 pm each day during

22 October – 11 November. Wildlife deterrent measures were recorded as operating normally during all inspections, although the wind dancers did not operate during 2 of 21 days that inspections were recorded because precipitation interfered with their operation. No problems were noted with the deterrents or oil removal measures. Recoverable oil was recorded as not in reach of one of the skimmers on the secondary lagoon but was cleaned up by the vacuum truck contractor.

Table 6. Summary of wildlife activity recorded in the daily wildlife inspection logs at the Schaefer Road Wastewater Treatment Plant 22 October – 11 November, 2013

Bird Species	Number Birds	Other Wildlife Species	Number Other Wildlife
Double-crested cormorant	1	Cottontail rabbit	5
Great Blue Heron	24	Squirrel	1
Canada Goose	39	Woodchuck	2
Grebe	10		
Killdeer	41		
Gull	8		
Mourning Dove	124		
American Robin	45		
Common Grackle	418		
Blue jay	1		
Red-winged blackbird	1		
Sparrows	16		
Total	728		8

Figure 1. Map diagram of the Schaefer Road Wastewater Treatment Plant and surrounding areas where wildlife were surveyed during 12-13 November, 2013. Blue stars indicated survey stops where 5-15 minute point counts and observations of wildlife activity were conducted.



APPENDIX B

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD

November 1 to November 30, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG

Inspections	Bird Observations	Interest Shown	Adjacent	Flying Over	Elsewhere	Interest Shown Location	Number of Horn Blasts	Exposed?	Carcass?	Result
123	156	0	6	42	108	NA	339	No	No	Flew or ran away on their own and after horn blasts.

*During dawn to dusk inspections
Interest Shown: In or On the Ponds

Adjacent: to within 5 feet of water edge or surface
Elsewhere: On the ground or structure, or in tree >5 from water

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Vegetation (>6 inches high)	Cannon Operating	Scary Balloons (>8 inflated)	Netting Holes or Gaps	Mylar Bibbons Inplaced	Air Dancer Operating?
None	No	Yes	Yes	No	Yes	Yes. Except few raining or windy days

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil		If Recoverable Oil Not	Oil Management		
Primary Lagoon	Secondary Lagoon	Speccific Location	Oil equipment off Ground	If Not. Response Action	Comments
2	0	Primary Lagoon under skimmer rope west side	Yes	Called Inland contractor for vacuum truck	Oil not captured by skimmers is removed frequently by vacuum truck.

SRWWTP - WILDLIFE ACTIVITY LOG

Date 13	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
11-01	7:30 AM	RABBIT	1	SL S P D (B)	I A O (E)	1	RAN AWAY	N	N	[illegible]
11-01	7:45 AM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	[illegible]
11-01	9:00 AM	MOURING DOVE	2	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	[illegible]
11-01	11:00 AM	MOURNING DOVE	6	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	[illegible]
11-01	1:00 PM	COMMON GRACKLE	30	SL (S) P D B	I A O (E)	20	FLEW AWAY	N	N	[illegible]
11-01	2:30 PM	COMMON GRACKLE	30	SL S P D B	I A O E	10	FLEW AWAY	N	N	[illegible]
11-01	6:30 PM	MOURNING DOVE	2	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-02	7:30 AM	RABBIT	1	SL S P D (B)	I A O (E)	1	RAN AWAY	N	N	[illegible]
11-02	8:00 AM	CANADIAN GEESE	30	SL S (P) D B	I A (O) E	5	FLEW AWAY	N	N	[illegible]
11-02	8:00 AM	MOURING DOVE	4	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	[illegible]
11-02	8:00 AM	COMMON GRACKLE	8	SL S P (D) B	I A O (E)	4	FLEW OFF	N	N	[illegible]
11-02	9:00 AM	COMMON GRACKLE	8	SL S P (D) B	I A O (E)	4	FLEW AWAY	N	N	[illegible]
11-02	12:00 PM	MOURIN DOVE	6	SL S P (D) B	I A O (E)	4	FLEW AWAY	N	N	[illegible]
11-02	1:00 PM	MOURING DOVE	8	SL S P (D) B	I A O (E)	4	FLEW AWAY	N	N	[illegible]
11-02	1:00 PM	COMMON GRACKLE	12	SL S P (D) B	I A O (E)	10	FLEW AWAY	N	N	[illegible]
11-02	7:00 PM	RABBIT	1	SL S P (D) B	I A O (E)	1	RAN AWAY	N	N	[illegible]
11-03	8:00 AM	MOURING DOVE	3	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	[illegible]
11-03	8:00 AM	MOURING DOVE	2	SL S P (D) B	I A O (E)	3	FLEW AWAY	N	N	[illegible]
11-03	9:00 AM	ROBIN	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-03	1:00 PM	ROBIN	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-03	4:00 PM	ROBIN	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	[illegible]
11-03	7:00 PM	GROUND HOG	1	SL (S) P D B	I A O (E)	3	RAN AWAY	N	N	[illegible]

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
11/4	7:52 AM	Killdeer	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
11/4	9:35 AM	Mourning Dove	1	(SL) S P D B	I A O (E)	1	Flew Away	N	N	RC
11/4	1:01 PM	Mourning Dove	1	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
11/4	5:35 PM	Killdeer	3	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
11/5	8:15 AM	Great blue Heron	1	SL (S) P D B	I (A) O E	4	Flew Away	N	N	RC
11/5	8:45 AM	Great blue Heron	2	SL S (P) D B	I A (O) E	1	Flew Away	N	N	RC
11/5	10:37 AM	Great blue Heron	2	SL S (P) D B	I A O (E)	4	Flew Away	N	N	RC
11/5	2:00 PM	American Robin	1	SL S (P) D B	I A O (E)	3	Flew Away	N	N	RC
11/5	5:25 PM	Great blue Heron	1	SL (S) P D B	I A (O) E	0	Flew Away	N	N	RC
11/6	8:15 AM	Killdeer	1	SL S (P) D B	I A (O) E	0	Flew Away	N	N	RC
11/6	5:25 PM	Killdeer	1	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
11/6	5:38 PM	Great blue Heron	1	SL (S) P D B	I (A) O E	1	Flew Away	N	N	RC
11/7	7:44 AM	Mourning Dove	1	SL S (P) D B	I A (O) E	0	Flew Away	N	N	RC
11/7	9:55 AM	Canada Goose	9	SL S (P) D B	I A (O) E	0	Flew Away	N	N	RC
11/7	5:16 PM	Common Grackle	6	SL S (P) D B	I A O (E)	4	Flew Away	N	N	RC
11/7	5:16 PM	American Robin	3	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
11/7	5:16 PM	Killdeer	4	SL S (P) D B	I A O (E)	4	Flew Away	N	N	RC
11-8	8:00 AM	Kill Deer	1	SL S P D (B)	I A O (E)	2	Flew Away	N	N	JT
11-8	9:00 AM	Common Grackle	6	SL S P D (B)	I A O (E)	4	Flew Away	N	N	JT
11-8	11:00 AM	Mourning Dove	1	SL (S) P D B	I A O (E)	2	Flew Away	N	N	JT
11-8	1:00 PM	Robin	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	JT
11-8	6:15 PM	Killdeer	1	SL S P D (B)	I A O (E)	2	Flew Away	N	N	JT

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
11-9	8:00 AM	MOURING DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	[illegible]
11-9	9:00 AM	ROBIN	1	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-9	1:00 PM	MOURING DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	[illegible]
11-9	7:00 PM	RABBIT	1	SL S P D (B)	I A O (E)	1	RAN AWAY	N	N	[illegible]
11-10	8:00 AM	ROBIN	1	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-10	8:00 AM	SEA GULL	1	SL (S) P D B	I A (O) E	2	FLEW AWAY	N	N	[illegible]
11-10	9:00 AM	GREAT BLUE HERON	1	SL S (P) D B	I (A) O E	3	FLEW AWAY	N	N	[illegible]
11-10	1:00 PM	SEA GULL	1	(SL) S P D B	I A (O) E	2	FLEW AWAY	N	N	[illegible]
11-10	6:00 PM	RABBIT	1	SL S P (D) B	I A O (E)	1	RAN AWAY	N	N	[illegible]
11-10	6:30 PM	KILL DEER	1	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-11	8:00 AM	SEA GULL	2	(SL) S P D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-11	9:00 AM	ROBIN	1	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-11	11:00 AM	MOURING DOVES	12	SL S P D (B)	I A O (E)	10	FLEW AWAY	N	N	[illegible]
11-11	1:00 PM	SEA GULL	1	(SL) S P D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-11	5:30 PM	SEA GULL	3	(SL) (S) P D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11/12	7:43 AM	COMMON GRACKLE	24	(SL) S P D B	I A (O) E	0	FLEW AWAY	N	N	[illegible]
11/12	9:35 AM	CANADA GOOSE	9	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	[illegible]
11/12	5:20 PM	COMMON GRACKLE	3	SL S P D (B)	I A O (E)	0	FLEW AWAY	N	N	[illegible]
11/13	9:56 AM	MOURNING DOVE	1	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	[illegible]
11/13	10:50 AM	MOURNING DOVE	24	SL (S) P D B	I A O (E)	4	FLEW AWAY	N	N	[illegible]
11/14	11:20 AM	MOURNING DOVE	10	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11/14	11:50 AM	MOURNING DOVE	9	(SL) S P D B	I A O (E)	1	FLEW AWAY	N	N	[illegible]

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
11/14	12:07 PM	Mourning Dove	5	SL S P D B	I A O E	3	Flew Away	N	N	[illegible]
11/14	5:22 PM	Mourning Dove	2	SL S P D B	I A O E	2	Flew Away	N	N	[illegible]
11/15	7:55 AM	Mourning Dove	6	SL S P D B	I A O E	0	Flew Away	N	N	[illegible]
11/15	8:07 AM	Ring Billed Gull	2	SL S P D B	I A O E	0	Flew Away	N	N	[illegible]
11/15	8:15 AM	Great blue Heron	1	SL S P D B	I A O E	0	Flew Away	N	N	[illegible]
11/15	11:54 AM	Morning Dove	2	SL S P D B	I A O E	0	Flew Away	N	N	[illegible]
11/15	12:07 PM	Morning Dove	13	SL S P D B	I A O E	4	Flew Away	N	N	[illegible]
11/15	1:58 PM	Mourning Dove	30	SL S P D B	I A O E	2	Flew Away	N	N	[illegible]
11/15	2:06 PM	American Robin	7	SL S P D B	I A O E	5	Flew Away	N	N	[illegible]
11/15	5:32 PM	American Robin	2	SL S P D B	I A O E	1	Flew Away	N	N	[illegible]
11-16	8:00 AM	Mourning Dove	1	SL S P D B	I A O E	1	Flew Away	N	N	[illegible]
11-16	9:00 AM	Mourning Dove	1	SL S P D B	I A O E	1	Flew Away	N	N	[illegible]
11-16	11:00 AM	Robins	4	SL S P D B	I A O E	3	Flew Away	N	N	[illegible]
11-16	1:00 PM	Common Grackle	6	SL S P D B	I A O E	4	Flew Away	N	N	[illegible]
11-16	4:00 PM	Robins	12	SL S P D B	I A O E	4	Flew Away	N	N	[illegible]
11-16	6:00 PM	Sea Gull	1	SL S P D B	I A O E	2	Flew Away	N	N	[illegible]
11-17	8:00 AM	Robin	10	SL S P D B	I A O E	4	Flew Away	N	N	[illegible]
11-17	9:00 AM	Kill Deer	2	SL S P D B	I A O E	2	Flew Away	N	N	[illegible]
11-17	11:00 AM	Common Grackle	12	SL S P D B	I A O E	3	Flew Away	N	N	[illegible]
11-17	3:00 PM	Robins	2	SL S P D B	I A O E	2	Flew Away	N	N	[illegible]
11-18	8:00 AM	Robin	2	SL S P D B	I A O E	1	Flew Away	N	N	[illegible]
11-18	10:00 AM	Common Grackle	4	SL S P D B	I A O E	2	Flew Away	N	N	[illegible]

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
11-18	12:01 PM	Rock Dove (Pigeons)	12	(SL) S P D B	I A O (E)	4	Flew Away	N	N	[illegible]
11-18	1:00 PM	Common Grackle	25	SL (S) P D B	I A O (E)	7	Flew Away	N	N	[illegible]
11-18	4:00 PM	Common Grackle	30	SL (S) P D B	I A O (E)	12	Flew Around	N	N	[illegible]
11-18	6:50 PM	Robins	2	(SL) S P D B	I A O (E)	2	Flew Away	N	N	[illegible]
11-19	8:00 AM	Robin	1	SL S P (D) B	I A O (E)	2	Flew Away	N	N	[illegible]
11-19	9:00 AM	Robin	1	SL S P (D) B	I A O (E)	2	Flew Away	N	N	[illegible]
11-19	9:00 AM	Common Grackle	4	SL S P (D) B	I A O (E)	2	Flew Away	N	N	[illegible]
11-19	1:00 PM	Pigeon	12	(SL) S P D B	I A O (E)	7	Flew Away	N	N	[illegible]
11-19	6:00 PM	Mourning Dove	2	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
11/20	8:00 AM	Mourning Dove	2	SL S (P) D B	I A O (E)	1	Flew Away	N	N	[illegible]
11/20	12:56 PM	Mourning Dove	2	(SL) S P D B	I A (O) E	0	Flew Away	N	N	[illegible]
11/20	2:09 PM	Mourning Dove	13	(SL) S P D B	I A (O) E	0	Flew Away	N	N	[illegible]
11/20	3:03 PM	American Robin	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
11/20	3:03 PM	Mourning Dove	4	SL (S) P D B	I A O (E)	4	Flew Away	N	N	[illegible]
11/20	3:50 PM	American Robin	6	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
11/20	5:25 PM	Mourning Dove	4	SL S (P) D B	I A (O) E	0	Flew Away	N	N	[illegible]
11/21	8:13 AM	Mourning Dove	4	SL S (P) D B	I A (O) E	0	Flew Away	N	N	[illegible]
11/21	8:13 AM	American Robin	3	SL S (P) D B	I A (O) E	0	Flew Away	N	N	[illegible]
11/21	9:04 AM	Mourning Dove	9	SL (S) P D B	I A O (E)	3	Flew Away	N	N	[illegible]
11/21	9:08 AM	Common Grackle	3	~~SL~~ S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
11/21	9:19 AM	Ring-Billed Gull	2	(SL) S P D B	I A (O) E	0	Flew Away	N	N	[illegible]
11/21	10:00 AM	American Robin	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

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[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
11/21	10:15 AM	MOURNING DOVE	17	SL S P D B	I A O E	0	FLEW AWAY	N	N	[illegible]
11/21	12:52 PM	GREAT BLUE HERON	1	SL S P D B	I A O E	3	FLEW AWAY	N	N	[illegible]
11/21	3:05 PM	GREAT BLUE HERON	1	SL S P D B	I A O E	0	FLEW AWAY	N	N	[illegible]
11/22	8:07 AM	MOURNING DOVE	8	SL S P D B	I A O E	0	FLEW AWAY	N	N	[illegible]
11/22	8:11 AM	RING-BILLED GULL	1	SL S P D B	I A O E	0	FLEW AWAY	N	N	[illegible]
11/22	8:45 AM	MOURNING DOVE	7	SL S P D B	I A O E	0	FLEW AWAY	N	N	[illegible]
11/22	5:19 PM	AMERICAN ROBIN	3	SL S P D B	I A O E	3	FLEW AWAY	N	N	[illegible]
11/23	8:17 AM	MOURNING DOVE	2	SL S P D B	I A O E	2	FLEW AWAY	N	N	[illegible]
11/23	1:15 PM	RING BILLED GULL	1	SL S P D B	I A O E	0	FLEW AWAY	N	N	[illegible]
11/23	5:35 PM	CANADA GOOSE	2	SL S P D B	I A O E	0	FLEW AWAY	N	N	[illegible]
11-24	8:15 AM	MOURING DOVE	2	SL S P D B	I A O E	2	FLEW AWAY	N	N	[illegible]
11-24	9:30 AM	ROBIN	2	SL S P D B	I A O E	2	FLEW AWAY	N	N	[illegible]
11-24	11:00 AM	ROBIN	2	SL S P D B	I A O E	2	FLEW AWAY	N	N	[illegible]
11-24	1:00 PM	MOURING DOVE	1	SL S P D B	I A O E	1	FLEW AWAY	N	N	[illegible]
11-24	3:30 PM	MOURING DOVE	2	SL S P D B	I A O E	1	FLEW AWAY	N	N	[illegible]
11-24	6:00 PM	MOURING DOVE	1	SL S P D B	I A O E	1	FLEW AWAY	N	N	[illegible]
11-25	8:00 AM	GREAT BLUE HERON	1	SL S P D B	I A O E	1	FLEW AWAY	N	N	[illegible]
11-25	9:30 AM	MOURING DOVE	2	SL S P D B	I A O E	2	FLEW AWAY	N	N	[illegible]
11-25	1:00 PM	MOURING DOVE	1	SL S P D B	I A O E	1	FLEW AWAY	N	N	[illegible]
11-26	8:00 AM	CANADIAN GEESE	20	SL S P D B	I A O E	4	FLEW AWAY	N	N	[illegible]
11-26	8:00 AM	SEA GULL	1	SL S P D B	I A O E	1	FLEW AWAY	N	N	[illegible]
11-26	9:00 AM	COMMON GRACKLE	10	SL S P D B	I A O E	6	FLEW AWAY	N	N	[illegible]

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
11-26	11:00 AM	Robin	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-26	1:00 PM	Black Birds	10	SL (S) P D B	I A O (E)	6	FLEW AWAY	N	N	[illegible]
11-26	3:00 PM	Robin	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-26	7:15 PM	Common Grackle	2	(SL) S P D B	I A O (E)	1	FLEW AWAY	N	N	[illegible]
11-27	7:15 AM	Common Grackle	4	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-27	7:15 AM	Robin	2	(SL) S P D B	I A O (E)	1	FLEW AWAY	N	N	[illegible]
11-27	4:30 AM	Mourning Dove	2	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11-27	1:00 PM	Sparrow	4	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	[illegible]
11/28	10:30 AM	Mourning Dove	2	(SL) S P D B	I A (O) E	0	FLEW AWAY	N	N	RC
11/28	1:14 PM	Mourning Dove	11	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
11/28	5:28 PM	Canada Goose	42	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC
11/29	8:05 AM	American Robin	1	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC
11/29	12:18 PM	Great blue Heron	2	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
11/29	12:12 PM	American Robin	5	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
11/29	2:05 PM	Common Grackle	1	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
11/29	5:28 PM	Canada Goose	2	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC
11/29	5:28 PM	Rabbit	1	SL S P (D) B	I A O (E)	2	RAN AWAY	N	N	RC
11/30	8:04 AM	Canada Goose	20	(SL) S P D B	I A (O) E	0	FLEW AWAY	N	N	RC
11/30	8:06 AM	Herring Gull	1	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
11/30	8:19 AM	Great blue Heron	1	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC
11/30	9:29 AM	American Robin	7	SL (S) P D B	I A O (E)	5	FLEW AWAY	N	N	RC
11/30	4:01 PM	American Robin	25	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC

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[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

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[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
11/30	5:21 pm	GREAT blue Heron	1	SL S P (D) B	I A (O) E	0	FLEW AWAY	N	N	RC
11/30	5:34 pm	CANADA GOOSE	2	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																	
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)	
2013		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N		
11/01	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	DT	WINDY
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	DT	
11/02	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	DT	RAIN
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	DT	
11/03	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	DT	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	DT	
11/4	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
11/5	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
11/6	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
11/7	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
11/08	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	DT	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	DT	

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
11/09	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
11/10	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
11/11	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	[illegible] RAIN
11/12	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
11/13	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
11/14	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
11/15	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
11/16	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																	
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
11/17	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	DT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	DT
11/18	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	DT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	DT
11/19	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	DT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	DT
11/20	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
11/21	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
11/22	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
11/23	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
11/24	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	DT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	DT

RAIN.

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
2013		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
11/25	9:00 Am	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 Pm	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
11/26	9:00 Am	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 Pm	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
11/27	9:00 Am	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 Pm	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
11/28	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
11/29	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
11/30	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date 13	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
11/01	9:00 Am	Y	Y	NA	NA	N	Y	N	DT
	1:00 Pm	Y	Y	NA	NA	N	Y	N	DT
11/02	9:00 Am	Y	Y	NA	NA	N	Y	N	DT
	1:00 Pm	Y	Y	NA	NA	N	Y	N	DT
11/03	9:00 Am	Y	Y	NA	NA	N	Y	N	DT
	1:00 Pm	Y	Y	NA	NA	N	Y	N	DT
11/04	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
11/5	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
11/6	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
11/7	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
11/08	9:00 Am	Y	Y	NA	NA	N	Y	N	DT
	1:00 Pm	Y	Y	NA	NA	N	Y	N	DT
11/09	9:00 Am	Y	Y	NA	NA	N	Y	N	DT
	1:00 Pm	Y	Y	NA	NA	N	Y	N	DT

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date 2013	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
11/10	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	[illegible]
11/11	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	[illegible]
11/12	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
11/13	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
11/14	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
11/15	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
11/16	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	[illegible]
11/17	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	[illegible]
11/18	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	[illegible]

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
11/19	9:00 AM	Y	N	NA	NA	INLAND - 11-20-13 WILL BE HERE. UNDER SKIMMER ROPE - WEST SIDE	Y	N	JT
	1:00 PM	Y	N	NA	NA	SAME AS ABOVE	Y	Y	JT
11/20	9:00 AM	Y	N	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
11/21	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
11/22	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
11/23	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
11/24	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
11/25	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
11/26	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
11/27	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
11/28	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
11/29	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
11/30	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

Severstal International
MID 087 738 431

November 15, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: October 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The October monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. The report contains the October wildlife survey report and the operators' inspection logs. No wildlife was potentially exposed in the month of October.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9319
E: Jim.Earl@severstalna.com
www.severstalna.com

CONTINUING EMERGENCY MEASURES

THE MONTHLY PROGRESS REPORT
FOR
October 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN, LLC

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period October 1 through October 31, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place over the north end of the Primary Lagoon and across the East and West Sludge Ponds. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

A Wildlife Survey was conducted on October 21-22, 2013 and a copy of the report is provided in Appendix A. Inspection reports show seasonal activities observed in the general area, and no significant issues at the site were identified.

The summary of daily inspection findings is provided in Appendix B. Copies of the inspection reports are also provided in Appendix B. Daily Inspections show normal activities observed throughout the area.

In the month of October, on several occasions of blue herons, killdeer, grebes, grackle and duck were observed at near or using one of the treatment plant impoundments and were scared off with the air horns. The birds flew or ran away after horn blasts, so persistent hazing with the air horn was necessary.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in October. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by vacuum truck.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place and propane cannons operated properly in October 2013. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence?* In October, there were observations of blue herons, killdeer, grebes, grackle and duck were observed at near or using one of the treatment plant impoundments. In some cases, the birds or animals flew or walked away on their own, but more often persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix B.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

8,950 gallons of oil-water mixture were hauled off-site in the month of October 2013. Copies of the manifests for the loads are in Appendix C.

APPENDIX A

Wildlife Survey

Monthly Wildlife Survey Report
Schaefer Road Wastewater Treatment Plant
Severstal Dearborn, LLC
October 21-22, 2013

Prepared by:

Dr. Robert J. Gates
School of Environment and Natural Resources
The Ohio State University
210 Kottman Hall
2021 Coffey Road
Columbus, OH 43210-1085
FAX: 614-292-7432
gates.77@osu.edu -- Phone 614-292-9571

Submitted to:

Mr. James Earl, Manager, Environmental Engineering
Severstal Dearborn.

Copied to:

Mr. Sid Haymour, Mr. David Williamson, and Ms. Lan Trinh,
Severstal Dearborn
David Rockman, Eckert Seamans, Cherin, and Mellott, LLC

Wildlife survey conducted and reported by:

Dr. Robert J. Gates, School of Environment and Natural Resources, The Ohio State University

Survey Dates: 21-22 October, 2013
Reporting Date: 7 November, 2013

I. WILDLIFE DISTRIBUTION, ABUNDANCE, ACTIVITY AND RESPONSE TO DETERRENT MEASURES

Procedure:

Wildlife surveys were conducted from 3 hours before sunset through 1 hour after sunset and from 1 hour before sunrise through 3 hours after sunrise during October 21-22, 2013. Nine survey points (see Figure 1) were established at strategic locations that provided complete visual coverage of the primary and secondary lagoons, sludge ponds, clarifiers, and grit chambers at the Schaefer Road Wastewater Treatment Plant (SRWWTP). Four survey points (not shown in Figure 1) were established at the southeast, southwest, northwest, and northeast corners of the diked lagoon.

The surface waters, shorelines, and nearby areas were searched with aid of binoculars to detect presence and record abundance of all species of wildlife (birds, mammals, reptiles, and amphibians). Shorelines of the primary, secondary, and diked lagoons and sludge ponds were surveyed to detect and record sign (droppings, tracks, feathers, or other physical remains) of past wildlife use and to detect wildlife carcasses if present. Wildlife sign and carcass remains and impaired wildlife were documented (if found) with photographs and included in the monthly report (this document). Carcasses and other remains were examined (if found) to determine presumptive cause of death. Results of carcass examinations (if any) are provided in a separate report.

Locations, activities (perched, flying [altitude and direction], walking, resting feeding, etc), were recorded for all wildlife observed during 5-15 minute observation periods at each survey point. Wildlife response to deterrent measures was observed throughout the evening and morning survey rounds. Wildlife sign indicating past use (e.g. tracks, droppings, feathers and other remains, etc.) were observed and recorded while walking between survey points.

Two evening (21 October, 2013) and three morning (22 October, 2013) rounds of surveys were completed for the entire set of survey points. Walking surveys of the fence perimeter, bermed area, or other remote areas of the SRWWTP also were conducted at least once during the morning or evening survey periods.

Survey Results:

Evening, 21 October, 2013

The first round of evening wildlife surveys at the SRWWTP began at 4:00 pm and was completed by 6:10 pm on 21 October, 2013. The surveys covered all 13 survey points (Figure 1) and the bermed area north of the diked lagoon. Temperature was 55-58° F, and cloud cover was 100% overcast. Light rain occurred throughout the evening survey period. Winds were from the southwest at 0-5 mph with gusts to 5-10 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from the water bodies at the SRWWTP.

A total of 110 observations of 8 bird species were recorded during the first evening survey round conducted on 21 October, 2013 (Table 1). Five mallards were seen flying near the Rouge River outside the perimeter fence 50 feet west of the SRWWTP. The ring-billed gull observations represented a handful of birds that routinely passed over the SRWWTP at 75 -150 feet altitude, making no movements indicating they were attracted to the lagoons or other water treatment facilities. Similarly, the European starlings, mourning doves, and American robins were observed to fly over the SRWWTP at 25-50 feet altitude without apparent intent or attempt to perch on or near the lagoons or other water surfaces. No other birds were observed on or near water surfaces of the primary, secondary, and diked lagoons, or the sludge ponds, clarifiers and grit pits. No birds were observed inside the netting or goose-lines surrounding the lagoons. The red-tailed hawk, song and field sparrows, and American robins were mostly restricted to the

bermed area surrounding the diked lagoon where they were predominantly perched in trees. None of the birds observed during the first morning survey on 22 October, 2013 attempted to land on or near any of the SRWWTP water surfaces or other areas that are potentially hazardous to wildlife. No observations or sign of other wildlife were observed during the first evening survey on 21 October, 2013.

The second round of evening wildlife surveys at the SRWWTP began at 6:20 pm and was completed by 7:55 pm on 21 October, 2013. The surveys covered only the 13 survey points associated with the lagoons, clarifiers sludge ponds, and grit pits. (Figure 1). Air temperature was 55° F, cloud cover was 100% overcast and there was light drizzle during the second evening survey. Winds were from the southwest at 0-5 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from the water bodies at the SRWWTP.

A total of 9 observations of 2 bird species were recorded during the second evening survey round on 21 October, 2013 (Table 2). Three killdeers were initially heard calling as they flew near the diked lagoon before sunset. These same birds were later flushed from ground perches within 30 feet north of the primary lagoon, outside the fence that encloses the primary lagoon. One killdeer was flushed from inside the goose-line that encloses the diked lagoon. This bird was perched on the shoreline of the diked lagoon after sunset. The five mallards observed during the second survey flew from the Rouge River area after sunset, passed over the west shoreline of the diked lagoon and then landed in cattail vegetation in the bermed area 50 feet west of the diked lagoon. The mallards appeared to be deterred from landing on the diked lagoon by discharge of the propane cannon near the northwest corner of the diked lagoon or by presence of the observer. None of the birds observed during the second evening survey on 21 October, 2013 attempted to land on or near any of the SRWWTP water surfaces or other areas that are potentially hazardous to wildlife. No observations or sign of other wildlife were observed during the second evening survey on 21 October, 2013.

Morning, 22 October, 2013

The first round of morning wildlife surveys at the SRWWTP began at 6:55 am and was completed by 8:00 am on 22 October, 2013. The surveys covered only the 13 survey points associated with the lagoons, clarifiers sludge ponds, and grit pits (Figure 1). Temperature was 39° F, and cloud cover was 0% overcast and there was no precipitation. Winds were from the southwest at 5-10 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from the water bodies at the SRWWTP.

A total of 63 observations of 10 bird species were recorded during the first morning survey round on 22 October, 2013 (Table 3). Walking inspections of the sludge ponds, clarifiers, all three lagoons, and the grit pits revealed that there were no birds present on these areas before sunrise. The American robins, red-winged blackbirds, and song and field sparrows were only heard calling from the bermed area within 50 feet of the diked lagoon. A single mallard was flushed from cattail vegetation in the bermed

area within 50 feet west of the diked lagoon. The American robins rock pigeons, and European starlings observed near the primary and secondary lagoons were birds that flew over the water surfaces at 6-150 feet altitude without apparent intent or attempt to land on water surfaces of the SRWWTP or other areas that are potentially hazardous to wildlife. Observations of ring-billed and herring gulls represented a handful of birds that routinely passed over the SRWWTP at 50-150 feet altitude, making no movements indicating they were attracted to the lagoons or other water treatment facilities. None of the birds observed during the first morning survey on 22 October, 2013 attempted to land on or near any of the SRWWTP water surfaces or other areas that are potentially hazardous to wildlife. One recently excavated wood chuck burrow was observed 10-15 feet inside the fencing or goose-lines in each of the primary and secondary lagoons. No observations or sign of other wildlife were observed during the first morning survey on 22 October, 2013.

The second round of morning wildlife surveys at the SRWWTP began at 8:00 am and was completed by 9:05 am on 22 October, 2013. The survey focused on the perimeter fence (Figure 1), although water surfaces of the SRWWTP were in view and observations of birds or other wildlife there were recorded. Temperature was 38° F, and cloud cover was 0% overcast and there was no precipitation. Winds were from the southwest at 5-10 mph. Visibility along the walking route was unobstructed by fog or steam rising from the water bodies at the SRWWTP.

A total of 101 observations of 5 bird species were recorded during the second morning survey round on 22 October, 2013 (Table 4). A flock of 17 Canada geese was seen flying at 150 feet altitude over the Rouge River within 200 feet west of the SRWWTP. Two more Canada geese flew over the primary and secondary lagoons at 75 feet altitude and eventually disappeared over the Rouge River. Song and field sparrows and red-winged blackbirds were flushed or seen flying over the perimeter fence north or northwest of the bermed area and diked lagoon. The European starling was perched on the perimeter fence near the clarifiers and the SRWWTP control house. None of the birds observed during the second morning survey on 22 October, 2013 attempted to land on or near any of the SRWWTP water surfaces or other areas that are potentially hazardous to wildlife. Recently deposited coyote scat (presumptively identified based on presence of hair and prey remains) was observed on the perimeter road 50 feet west of the bermed area. No observations or sign of other wildlife were observed during the second morning survey on 22 October, 2013.

The third round of morning wildlife surveys at the SRWWTP began at 9:17 am and was completed by 10:55 am on 22 October, 2013. The surveys covered the bermed area and the 13 survey points associated with the lagoons, clarifiers sludge ponds, and grit pits (Figure 1). Air temperature was 39° F, and cloud cover was 0% overcast and there was no precipitation. Winds were from the southwest at 5-10 mph, gusting to 15 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from the water bodies at the SRWWTP.

A total of 54 observations of 8 bird species were recorded during the third morning survey round on 22 October, 2013 (Table 5). Six European starlings, 5 song

sparrows, and 15 red-winged blackbirds were observed flying at 2-25 feet altitude over the diked and primary lagoons. These birds showed no indication that they were attracted to or intended to land on or near these water surfaces. The 6 song sparrows and 3 American robins observed in the bermed area were seen or heard while perched in trees. Fourteen Canada geese flew over the bermed area or within 50 feet west of the perimeter fence at 50-80 feet altitude. Two ring-billed gulls were periodically seen flying above the primary lagoon at 100 feet altitude. One turkey vulture was seen flying at 15 feet altitude over the perimeter fence, 30 feet west of the primary lagoon. No birds attempted to land on or near areas that are potentially hazardous to wildlife during the third morning survey on 22 October, 2013. No observations or sign of other wildlife were observed during the third morning survey on 22 October, 2013.

Table 1. Summary of bird species observations recorded during point count and walking surveys conducted during the first evening survey at the Schaefer Road Wastewater Treatment Plant on 21 October, 2013. Numbers in parentheses indicate numbers of birds observed perched within the fencing, netting, or goose-lines of the sludge ponds, clarifiers, and lagoons. See text for more details.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Mallard	*Anas platyrhynchos*							5		5
Red-tailed Hawk	*Biuteo jamaicensis*						1			1
Ring-billed Gull	*Larus delawarensis*			7(0)	1(0)	5(0)		1		14
Mourning Dove	*Zenaida macroura*			3(0)						3
American Robin	*Turdus migratorius*					1(0)	10			11
European Starling	*Sturnus vulgaris*			51(0)						51
Song Sparrow	*Melospiza melodia*						15			15
Field Sparrow	*Spizella puzilla*						10			10
Total		0(0)	0(0)	61(0)	1(0)	6(0)	36	6	0	110

Table 2. Summary of bird species observations recorded during point count and walking surveys conducted during the second evening survey at the Schaefer Road Wastewater Treatment Plant on 21 October, 2013. Numbers in parentheses indicate numbers of birds observed perched within the fencing, netting, or goose-lines of the sludge ponds, clarifiers, and lagoons. See text for more details.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Mallard	Anas platyrhynchos					5(0)				5
Killdeer	Charadrius vociferus			3(0)		1(1)				4
Total		0(0)	0(0)	3(0)	0(0)	6(1)	0	0	0	9

Table 3. Summary of bird species observations recorded during point count and walking surveys conducted during the first morning survey at the Schaefer Road Wastewater Treatment Plant on 22 October, 2013. Numbers in parentheses indicate numbers of birds observed perched within the fencing, netting, or goose-lines of the sludge ponds, clarifiers, and lagoons. See text for more details.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Mallard	*Anas platyrhynchos*						1			1
Killdeer	*Charadrius vociferous*						1			1
Herring Gull	*Larus argentatus*							1		1
Ring-billed Gull	*Larus delawarensis*				5(0)					5
Rock Pigeon	*Columba liva*	7(0)								7
American Robin	*Turdus migratorius*	1(0)		1(0)			1			3
European Starling	*Sturnus vulgaris*			4(0)						4
Red-winged Blackbird	*Agelaius phoeniceus*						1			1
Song Sparrow	*Melospiza melodia*						20			20
Field Sparrow	*Spizella puzilla*						20			20
Total		8(0)	0(0)	5(0)	5(0)	0(0)	44	1	0	63

Table 4. Summary of bird species observations recorded during point count and walking surveys conducted during the second morning survey at the Schaefer Road Wastewater Treatment Plant on 22 October, 2013. Numbers in parentheses indicate numbers of birds observed perched within the fencing, netting, or goose-lines of the sludge ponds, clarifiers, and lagoons. See text for more details.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Canada goose	Branta canadensis				2(0)			17		19
Red-winged Blackbird	*Agelaius phoeniceus*						7	4		11
European Starling	*Sturnus vulgaris*		1(0)							1
Song Sparrow	*Melospiza melodia*							50		50
Field Sparrow	*Spizella puzilla*							20		20
Total		0(0)	1(0)	0(0)	2(0)	0(0)	7(0)	91	0(0)	101

Table 5. Summary of bird species observations recorded during point count and walking surveys conducted during the third morning survey at the Schaefer Road Wastewater Treatment Plant on 22 October, 2013. Numbers in parentheses indicate numbers of birds observed perched within the fencing, netting, or goose-lines of the sludge ponds, clarifiers, and lagoons. See text for more details.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Canada goose	*Branta canadensis*						11	3		14
Killdeer	*Charadrius vociferous*			1(0)						1
Ring-billed Gull	*Larus delawarensis*			2(0)						2
Turkey Vulture	*Cathartes aura*			1(0)						1
American Robin	*Turdus migratorius*						3			3
European Starling	*Sturnus vulgaris*		2(0)		4(0)					6
Red-winged Blackbird	*Agelaius phoeniceus*			15(0)						15
Song Sparrow	*Melospiza melodia*			1(0)		4(0)	6	1		12
Total		0(0)	2(0)	20(0)	4(0)	4(0)	20	4	0	54

II. CONDITION, OPERATION, AND FUNCTIONALITY OF WILDLIFE DETERRENT AND OIL CONTACT PREVENTION MEASURES

Procedure:

Thorough walking inspections of the wildlife deterrent measures were completed once each morning and evening during successive wildlife surveys rounds (see objectives 1 and 2). The location, number, condition and functionality of the wildlife deterrent and oil contact prevention measures were evaluated and recorded. Inspections of wildlife deterrent and oil prevention measures recorded during daily inspections conducted by Severstal Dearborn personnel were summarized for comparison with observations recorded during the monthly survey.

Inspection Results:

Primary Lagoon

Three scare-eye balloons were deployed on the fence-line surrounding the primary lagoon during 21-22 October 2013. All were fully inflated and functional. One propane cannon was deployed on the primary lagoon and was operating normally. One wind dancer was deployed but was not operating near the primary lagoon on 21 October, 2013. The SRWWTP operator reported that the wind dancer was turned off and packed away because the weight of water from recent precipitation prevented it from functioning normally. The propane cannon was still operating when the second evening survey round was completed by 8:00 pm on 21 October 2013. The wind dancer and propane cannon were not operating at the beginning of the first morning survey on 22 October, 2013. The SRWWTP operator re-started the wind dancer and propane cannon before 8:00 am on 22 October, 2013. The fence-line was conspicuously-flagged with mylar tape. The netting surrounding the outflow was fully functional, anchored tight to the ground, with no obvious holes or gaps that would allow entry by anything but small-sized species of wildlife.

Two horizontal belt oil skimmers were deployed at the primary lagoon, one near the outflow and the other near inflow at the south end. The oils skimmers operated intermittently under control of the SRWWTP operator during the morning and evening surveys on 21-22 October, 2013. The oil skimmers did not operate overnight when the SRWWTP operator was absent. A fabric boom oil boom was deployed in the northeast corner of the primary lagoon.

There were patches of light oil sheen scattered across the primary lagoon on 21-22 October, 2013. Two patches (5 x 5 feet) of oil accumulated in two eddies outside the metal boom near the southwest corner of the primary lagoon. Surface water oil accumulated in those eddies and could be removed if skimmers, belts, or pumps could reach across the metal boom. A small patch of oil was observed under the netting in the northeast corner of the primary lagoon. Small (3 X 3 feet) patches of oil accumulated where oil skimmer belts were deployed. Small (3 X 3 feet) patches of oil also

accumulated in corners where metal booms contact the windward shoreline. Residual vegetation at the shoreline also collected oil. Green and growing tall emergent vegetation was present inside the netting at the outflow of the primary lagoon. These included a 4 X 15 feet patch of cattail (*Typha* spp.) and a 5 X 30 feet patch of common reed (*Phragmites australis*). Small scattered patches of common reed (2 X 10 feet) and millet (*Echinocloa* spp.; 3 X 15 feet) and broad leaf weeds were evident along the west shoreline of the primary lagoon.

Secondary Lagoon

Four scare-eye balloons were deployed on the goose-line surrounding the secondary lagoon during 21-22 October 2013. All were fully inflated and functioning properly. One propane cannon was deployed on the secondary lagoon and was operating normally. One wind dancer was deployed but was not operating near the primary lagoon. The SRWWTP operator reported that the wind dancer was turned off and packed away because the weight of water from recent precipitation prevented it from functioning normally. The propane cannon was still operating when the second survey round was completed by 8:00 pm on 21 October 2013. The wind dancer and propane cannon were not operating at the beginning of the first morning survey on 22 October, 2013. The SRWWTP operator re-started the wind dancer and propane cannon before 8:00 am on 22 October, 2013. The goose-line fence was conspicuously-flagged with mylar tape.

Two horizontal oil skimmers were deployed at the north and south ends of the secondary lagoon. One wide-band vertical oil skimmer also was deployed near the south end at the bend in the secondary lagoon. The horizontal oil skimmers operated intermittently under control of the SRWWTP operator on 21-22 October, 2013. The vertical belt skimmer at the south end of the secondary lagoon was not observed to operate during 21-22 October, 2013. The oil skimmers did not operate overnight when the SRWWTP operator was absent.

There were patches of light oil sheen scattered across the secondary lagoon on 21-22 October, 2013. Patches of oil were noted along the windward east shoreline of the secondary lagoon. Small (3 X 3 feet) patches of oil accumulated where the oil skimmers were deployed. Small (3 X 3 feet) patches of oil also accumulated in the corners where metal booms contact the windward shoreline. The secondary lagoon was largely devoid of vegetation except for scattered patches of dead vegetation. Nearly all vegetation had been recently clipped and sprayed.

Diked Lagoon

Two scare-eye balloons were deployed on the goose-line surrounding the diked lagoon during 21-22 October 2013. All were fully inflated and functioning properly. One propane cannon was deployed on the diked lagoon and was operating, however, the cannon discharged at half the rate that propane cannons discharged on the primary and secondary lagoons. The propane cannon was still operating when the second survey round was completed by 8:00 pm on 21 October 2013. The propane cannon was not

operating at the beginning of the first morning survey on 22 October, 2013. The SRWWTP operator re-started the propane cannon before 8:00 am on 22 October, 2013. The goose-line fence was sparsely flagged with mylar tape. Sections of the goose-line were down along the north and west sides and southwest and northwest corners of the diked lagoon.

No oil skimmers were deployed on the diked lagoon. There were scattered patches of oil sheen across the diked lagoon on 21-22 October, 2013. Moderate oil adhering to filamentous algae was evident along most of the diked lagoon shoreline. A 15 x 20 feet band of oil was evident at the northeast corner of the diked lagoon. A 20 X 3-10 feet patch of oiled mudflat also was present at the northwest corner of the diked lagoon. The diked lagoon was almost entirely devoid of shoreline vegetation.

Perimeter Fence

Mylar flagging was conspicuously deployed along of the perimeter fence west of the secondary lagoon. The fence was intact and functional. There was a small opening at the bottom of the fence west of the bermed area where animals as large as coyotes could crawl through to enter the SRWWTP.

Sludge Ponds, Clarifiers, and Grit Pits

Netting was deployed over the sludge ponds. The sludge pond netting was anchored tight to the ground and there were no obvious holes or gaps that would allow entry by anything but small-sized birds, mammals or herptiles. The netting was held well above the surface of the sludge ponds. No other deterrent measures were deployed at the sludge ponds, clarifiers, or grit pits. Rotating oil skimmers remove surface oil from the clarifiers. No oil removal skimmers were deployed at the sludge ponds or grit pits. No vegetation was present around the clarifiers or grit pits. The sludge ponds were largely devoid of live vegetation except for a few common read stems around the margins. Dead emergent vegetation (cattails and common reed) covered 15-20% of the west sludge pond and < 5% of the east sludge pond. Nearly all of the dead vegetation was been clipped and sprayed, except for a few scattered stems of live common reed.

SRWWTP Operator

Effective deterrent activities by the SRRWTP operator were observed during 21-22 October, 2013. The SRWWTP operator regularly patrolled the lagoons, sludge ponds clarifiers, grit pits, and surrounding area. Birds were effectively hazed from the site and the operator was clearly knowledgeable and conscientious about deterring wildlife from using the SRWWTP.

III. SUMMARY OF WILDLIFE OBSERVATIONS

This section of the report summarizes the results of daily inspections of wildlife activity, wildlife deterrents, and oil exposure preventive measures during 1-21 October, 2013. Incidences and evidence of wildlife exposure or contact with oiled surfaces are reported from inspections of records maintained by the SRWWTP operator. On-going risks or exposure of wildlife to oiled surfaces are evaluated based on observations recorded during the monthly evening and morning surveys. Wildlife observations recorded during daily wildlife activity inspections were compared with observations recorded during the morning and evening monthly surveys conducted on 21-22 October.

Results:

A total of 369 observations of 12 bird species were recorded during daily wildlife activity surveys conducted by SRWWTP operators during 1-21 October, 2013 (Table 6). There were 135 incidences of wildlife activity recorded within the SRWWTP during the daily surveys. One hundred four incidences were associated with the primary (31 records), secondary (67 records), and diked (6 records) lagoons. Nine incidences involved the sludge ponds, and 20 were birds observed in the bermed area. Only 25 of these 135 incidences (18%) occurred within 5 feet of any water surface. The species and relative numbers of bird species were similar to those detected during monthly surveys conducted on 21-22 October, 2013. However, common grackles, great blue herons, and mourning were notably absent or observed in lower numbers during monthly surveys on 21-22 October, 2013 than expected from the daily surveys. Relatively more gulls and sparrows were observed during the monthly surveys compared to the daily surveys. No birds were observed to be oiled, impaired, or dead as a result of contact with lagoon surface waters during the daily wildlife inspections.

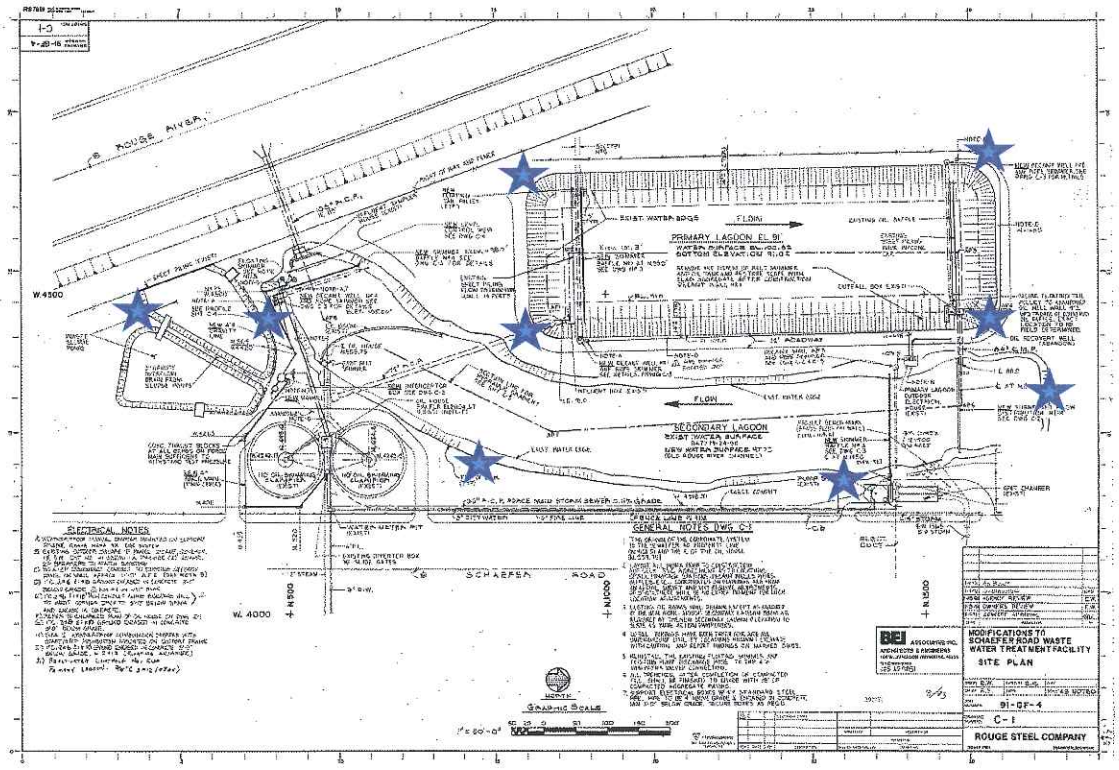
Wildlife deterrents and oil removal measures were inspected twice per day (42 total inspections) by SRWWTP operators between 9:00 am and 1:00 pm each day during 1-22 October, 2013. Wildlife deterrent measures were recorded as operating normally during all inspections, although the wind dancers did not operate during one of 21 days that inspections were recorded. No problems were noted with the deterrents or oil removal measures.

Overall bird activity was low during the monthly surveys conducted on 21-22 October, 2013 Bird activity was possibly limited by restricted visibility and light precipitation during the evening of 21 October, 2013 and by unseasonably low temperatures despite clear sky conditions during the morning of 22 October, 2013. The most notable observations during the 21-22 October 2013 surveys were that killdeers were largely absent from the SRWWTP during daylight but flew in to roost on the shoreline of the diked lagoon and open ground near the north end of the primary lagoon, outside the enclosing fence. No birds landed on any of the lagoons after sunset as was observed during the September monthly surveys. There was indication that mallards were deterred from landing on the diked lagoon by discharge of the propane cannon after sunset.

Table 6. Summary of wildlife activity recorded in the daily wildlife inspection logs at the Schaefer Road Wastewater Treatment Plant during 1-21 October, 2013

Bird Species	Number Birds	Other Wildlife Species	Number Other Wildlife
Double-crested Cormorant	1	None recorded	0
Great Blue Heron	29		
Canada Goose	36		
Mallard	4		
Unknown duck	1		
Northern harrier	1		
Unknown hawk	1		
Killdeer	95		
Gull	1		
Mourning Dove	124		
American Robin	3		
Common Grackle	62		
Red-winged blackbird	11		
Total	369		

Figure 1. Map diagram of the Schaefer Road Wastewater Treatment Plant and surrounding areas where wildlife were surveyed during 21-22 October, 2013. Blue stars indicated survey stops where 5-15 minute point counts and observations of wildlife activity were conducted.



APPENDIX B

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD October 1 to October 31, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG

Inspections	Bird Observations	Interest Shown	Adjacent	Flying Over	Elsewhere	Interest Shown Location	Number of Horn Blasts	Exposed?	Carcass?	Result
124	198	14	31	22	131	Secondary Lagoon, Primary Lagoon, Diked Lagoon, and Sludge Pond	664	No	No	Flew or ran away on their own and after horn blasts.

*During dawn to dusk inspections
Interest Shown: In or On the Ponds

Adjacent: to within 5 feet of water edge or surface

Elsewhere: On the ground or structure, or in tree >5 from water

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Vegetation (>6 inches high)	Cannon Operating	Scary Balloons (>8 inflated)	Netting Holes or Gaps	Mylar Bibbons Inplaced	Air Dancer Operating?
None	No	Yes.	Yes	No	Yes	Yes. Except few days due to rain and strong wind weather

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil		If Recoverable Oil Not	Oil Management		
Primary Lagoon	Secondary Lagoon	Speccific Location	Oil equipment off Ground	If Not. Response Action	Comments
0	2	Secondary Lagoon just under rope south side	Yes	Called Inland contractor for vacuum truck	Oil not captured by skimmers is removed frequently by vacuum truck.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
10/01	7:50 AM	MOURING DOVES	4	SL (S) P D B	I A O (E)	4	FLEW AWAY	N	N	[illegible]
10/01	10:30 AM	MOURING DOVES	4	SL (S) P D (B)	I A O (E)	2	FLEW AWAY	N	N	[illegible]
10/01	10:30 AM	COMMON GRACKLES	10	SL (S) P D B	I A O (E)	6	FLEW AWAY	N	N	[illegible]
10/01	1:00 PM	COMMO GRACKLES	10	SL (S) P D B	I A O (E)	6	FLEW AWAY	N	N	[illegible]
10/01	1:10 PM	KILL DEER	4	SL (S) P D B	I A O (E)	4	FLEW AWAY	N	N	[illegible]
10/01	2:30 PM	KILL DEER	4	SL (S) P D B	I A O (E)	4	FLEW AWAY	N	N	[illegible]
10/01	5:00 PM	KILL DEER	4	SL (S) P D B	I A O (E)	4	FLEW AWAY	N	N	[illegible]
10/01	6:00 PM	MOURING DOVES	3	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	[illegible]
10/01	6:45 PM	GREAT BLUE HERON	1	SL (S) P D B	(I) A O E	50	FLEW AWAY	N	N	[illegible]
10/02	7:45 AM	KILL DEER	4	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	[illegible]
10/02	9:00 AM	KILL DEER	4	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	[illegible]
10/02	1:00 PM	KILL DEER	4	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	[illegible]
10/02	3:15 PM	GREAT BLUE HERON	1	(SL) (S) P D B	(I) (A) O E	35	FLEW AWAY	N	N	[illegible]
10/03	6:30 PM	GREAT BLUE HERON	1	SL (S) P D B	(I) A O E	2	FLEW AWAY	N	N	[illegible]
10/3	7:48 AM	KILLDEER	3	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/3	10:52 AM	GREAT BLUE HERON	2	SL (S) P D B	I (A) O E	1	FLEW AWAY	N	N	RC
10/3	3:09 PM	MOURNING DOVE	5	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/3	3:39 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	N	N	RC
10/3	7:19 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	4	FLEW AWAY	N	N	RC
10/4	7:34 AM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC
10/4	7:48 AM	KILLDEER	4	SL S (P) D B	I A O (E)	3	FLEW AWAY	N	N	RC
10/4	7:46 AM	CANADA GOOSE	31	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
10/4	9:17 AM	Mourning Dove	2	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
10/4	7:44 PM	Common Grackle	9	SL S (P) D B	I A O (E)	3	Flew Away	N	N	RC
10/5	8:00 AM	Killdeer	3	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
10/5	10:08 AM	Killdeer	2	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
10/5	2:00 PM	Killdeer	2	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
10/5	2:40 PM	Killdeer	3	SL S (P) D B	I A O (E)	4	Flew Away	N	N	RC
10/5	7:20 PM	Morning Dove	2	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
10/6	7:50 AM	Canada Goose	5	SL S (P) D B	I A (O) E	0	Flew Away	N	N	RC
10/6	7:58 AM	Killdeer	4	SL (S) P D B	I A O (E)	3	Flew Away	N	N	RC
10/6	10:06 AM	Mourning Dove	3	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
10/6	10:30 AM	Common Grackle	19	SL (S) P D B	I A (O) E	0	Flew Away	N	N	RC
10/6	3:07 PM	Killdeer	4	SL S (P) D B	I A O (E)	4	Flew Away	N	N	RC
10/6	7:19 PM	Killdeer	4	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
10/7	7:45 AM	Common Grackle	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	JT
10/7	9:00 AM	Killdeer	2	SL (S) P D B	I A O (E)	4	Flew Away	N	N	JT
10/7	1:00 PM	Hawk	1	SL S P (D) B	I A O (E)	2	Flew Away	N	N	JT
10/7	1:00 PM	Sea Gull	1	SL (S) P D B	I A O (E)	2	Flew Away	N	N	JT
10/7	1:45 PM	Kill Deer	2	SL (S) P D B	I A O (E)	4	Flew Away	N	N	JT
10/8	7:45 AM	Mourning Dove	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	JT
10/8	9:00 AM	Great Blue Heron	1	SL S (P) D B	(I) A O E	1	Flew Away	N	N	JT
10/8	9:00 AM	Mourning Dove	3	SL (S) P D B	I A (O) E	1	Flew Away	N	N	JT
10/8	9:00 AM	Tern	1	SL (S) P D B	I A (O) E	1	Flew Away	N	N	JT

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
10/8	12:30 Pm	Ground Hog	1	SL (S) P D B	I A O (E)	3	Ran Away	N	N	[illegible]
10/8	12:30 Pm	Kill Deer	2	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
10/8	1:00 Am	Grackle	2	SL S (P) D B	I A O (E)	2	Flew Away	N	N	[illegible]
10/8	7:00 Pm	Great Blue Heron	1	SL (S) P D B	(I) A O E	1	Flew Away	N	N	[illegible]
10/8	7:00 Pm	Kill Deer	1	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
10/9	7:45 Am	Mourning Doves	2	SL S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
10/9	9:00 Am	Mourning Doves	2	SL S P D (B)	I A O (E)	6	Flew Away	N	N	[illegible]
10/9	9:00 Am	Kill Deers	2	SL S P D (B)	I A O (E)	6	Flew Away	N	N	[illegible]
10/9	4:50 Pm	Great Blue Heron	1	(SL) (S) P D B	(I) A O E	8	Flew Away	N	N	[illegible]
10/9	6:45 Pm	Duck	1	SL (S) P D B	(I) A O E	3	Flew Away	N	N	[illegible]
10/9	6:45 Pm	Great Blue Heron	1	SL (S) P D B	(I) A O E	1	Flew Away	N	N	[illegible]
10/9	7:00 Pm	Kill Deer	1	SL S (P) D B	I A O (E)	3	Flew Away	N	N	[illegible]
10-10	8:00 Am	Great Blue Heron	1	SL (S) P D B	(I) A O E	1	Flew Away	N	N	[illegible]
10-10	8:00 Am	Mourning Dove	10	SL (S) P D B	I A O (E)	7	Flew Away	N	N	[illegible]
10-10	8:00 Am	Grackle	1	SL S P (D) B	I (A) O E	1	Flew Away	N	N	[illegible]
10-10	9:00 Am	Robin	2	SL S P (D) B	I A O (E)	3	Flew Away	N	N	[illegible]
10-10	9:00 Am	Kill Deer	2	SL S P D (B)	I A O (E)	3	Flew Away	N	N	[illegible]
10-10	9:00 Am	Duck	1	SL (S) P D B	I A (O) E	1	Flew Away	N	N	[illegible]
10-10	1:00 Pm	Great Blue Heron	1	SL (S) P D B	I (A) O E	1	Flew Away	N	N	[illegible]
10-10	1:00 Pm	Ground Hog	1	SL (S) P D B	I A O (E)	7	Ran Away	N	N	[illegible]
10-10	1:00 Pm	Kill Deer	2	SL S P D (B)	I A O (E)	3	Flew Away	N	N	[illegible]
10-10	4:30 Pm	Great Blue Heron	1	SL (S) P D B	(I) A O E	1	Flew Away	N	N	[illegible]

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
10-10	6:30 PM	GREAT BLUE HERON	1	SL (S) P D B	(I) A O E	1	FLEW AWAY	N	N	DT
10-10	6:30 PM	GROUND HOG.	1	SL (S) P D B	I A O (E)	2	RAN AWAY	N	N	DT
10-10	6:30 PM	MOURING DOVE	3	SL (S) P D B	I A O (E)	4	FLEW AWAY	N	N	DT
10/11	7:44 AM	KILLDEER	3	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	RC
10/11	7:56 AM	MOURNING DOVE	2	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/11	8:10 AM	MOURNING DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
10/11	9:05 AM	REDWINGED BLACKBIRD	5	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	RC
10/11	9:15 AM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC
10/11	10:00 AM	MOURNING DOVE	16	(SL) S P D B	I A O (E)	3	FLEW AWAY	N	N	RC
10/11	12:45 PM	GREAT BLUE HERON	1	(SL) S P D B	I A O (E)	4	FLEW AWAY	N	N	RC
10/11	1:25 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	N	N	RC
10/11	2:10 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC
10/11	7:05 PM	KILLDEER	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
10/12	7:50 AM	KILLDEER	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/12	8:03 AM	MOURNING DOVE	3	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/12	8:35 AM	MOURNING DOVE	6	(SL) S P D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/12	8:35 AM	REDWINGED BLACKBIRD	4	(SL) S P D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/12	9:10 AM	GREAT BLUE HERON	1	(SL) S P D B	I (A) O E	1	FLEW AWAY	N	N	RC
10/12	4:10 PM	GREAT BLUE HERON	1	(SL) S P D B	I (A) O E	0	FLEW AWAY	N	N	RC
10/12	7:05 PM	GREAT BLUE HERON	1	(SL) S P D B	I (A) O E	1	FLEW AWAY	N	N	RC
10/13	7:51 AM	KILLDEER	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/13	8:04 AM	MOURNING DOVE	3	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
10/13	1:10 PM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/13	3:50 PM	MOURNING DOVE	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/13	5:06 PM	MOURNING DOVE	4	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/13	7:10 PM	GREAT BLUE HERON	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
10/13	7:13 PM	KILLDEER	2	SL S (P) D B	I A O (E)	0	FLEW AWAY	N	N	RC
10/14	7:46 AM	REDWINGED BLACKBIRD	6	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/14	7:55 AM	KILLDEER	3	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/14	9:02 AM	MOURNING DOVE	7	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	RC
10/14	9:08 AM	KILLDEER	2	SL S (P) D B	I A O (E)	5	FLEW AWAY	N	N	RC
10/14	10:04 AM	MOURNING DOVE	1	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/14	1:35 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	3	FLEW AWAY	N	N	RC
10/14	7:15 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC
10-15	8:00 AM	MOURING DOVES	4	SL S P D (B)	I A O (E)	3	FLEW AWAY	N	N	JT
10-15	8:00 AM	KILLDEER	2	SL S (P) D B	I A O (E)	8	NO EFFECT	N	N	JT
10-15	9:00 AM	KILLDEER	2	SL S (P) D B	I A O (E)	4	NO EFFECT	N	N	JT
10-15	1:00 PM	ROBIN	1	SL S P D (B)	I A O (E)	1	FLEW AWAY	N	N	JT
10-15	1:00 PM	KILLDEER	4	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	JT
10-15	1:00 PM	MOURING DOVES	3	SL S P D (B)	I A O (E)	3	FLEW AWAY	N	N	JT
10-15	6:00 PM	GREAT BLUE HERON	1	(SL) S P D B	I (A) O E	5	FLEW AWAY	N	N	JT
10-15	7:15 PM	KILL DEER	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	JT
10-16	8:00 AM	MOURING DOVE	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	JT
10-16	9:00 AM	KILLDEER	3	SL (S) P D B	I A O (E)	4	FLEW AWAY	N	N	JT

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
10-16	1:00 Pm	Mourning Dove	2	SL S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
10-16	1:00 Pm	Kill Deer	2	SL S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
10-16	3:30 Pm	Ground Hog	1	SL (S) P D B	I A O (E)	4	Ran Away	N	N	[illegible]
10-16	7:15 Pm	Kill Deer	2	SL S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
10-17	8:00 Am	Kill Deer	1	SL (S) P D B	I A O (E)	4	No Effect	N	N	[illegible]
10-17	9:00 Am	Mourning Dove	2	SL S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
10-17	1:00 Pm	Grackle	2	SL S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
10-17	7:00 Pm	Grackle	4	SL S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
10-18	8:00 Am	Grackle	1	SL S P (D) B	I A O (E)	1	Flew Away	N	N	[illegible]
10-18	11:30 Am	Great Blue Heron	1	SL (S) P D B	I (A) O E	4	Flew Away	N	N	[illegible]
10-18	1:00 Pm	Kill Deer	1	SL S (P) D B	I A O (E)	4	Flew Away	N	N	[illegible]
10-18	6:30 Pm	Great Blue Heron	1	SL (S) P D B	I (A) O E	6	Flew Away	N	N	[illegible]
10-18	6:30 Pm	Ground Hog	1	SL S P D (B)	I A O (E)	4	Ran Away	N	N	[illegible]
10/19	8:12 AM	Killdeer	2	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
10/19	3:09 PM	Killdeer	1	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
10/19	5:10 PM	Mourning Dove	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
10/19	6:55 PM	Great blue Heron	1	SL S (P) D B	I (A) O E	2	Flew Away	N	N	RC
10/20	8:08 AM	Mourning Dove	2	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
10/20	1:06 PM	Mourning Dove	13	SL (S) P D B	I A O (E)	7	Flew Away	N	N	RC
10/20	2:59 PM	Mourning Dove	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
10/20	6:59 PM	Killdeer	1	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
10/21	8:07 AM	Redwinged Blackbird	2	SL S P (D) B	I A (O) E	1	Flew Away	N	N	RC

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
10/21	9:20 AM	Northern Harrier	2	SL S P (D) B	I A (O) E	3	FLEW AWAY	N	N	RC
10/21	10:10 AM	COMMON GRACKLE	3	(SL) S P D B	I A O (E)	0	FLEW AWAY	N	N	RC
10/22	8:09 AM	Mourning DOVE	1	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/22	8:15 AM	REDWINGED BLACKBIRD	1	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/22	8:22 AM	Double Crested CORMORANT	1	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/22	9:17 AM	KILLDEER	4	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/22	6:52 PM	COMMON GRACKLE	3	SL S P (D) B	I A (O) E	0	FLEW AWAY	N	N	RC
10-23	8:00 AM	Mourning DOVE	4	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	DT
10-23	9:00 AM	Mourning DOVE	2	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	DT
10-23	1:00 PM	Common GRACKLE	3	SL S P (D) B	I A O (E)	2	FLEW AWAY	N	N	DT
10-23	6:00 PM	ROBIN	20	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	DT
10-23	7:00 PM	ROBIN	10	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	DT
10-24	8:00 AM	Common GRACKLE	6	SL S P (D) B	I A O (E)	2	FLEW AWAY	N	N	DT
10-24	9:00 AM	Mourning DOVE	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	DT
10-24	12:00 PM	SQUIRRELL	1	SL (S) P D B	I A O (E)	2	RAN AWAY	N	N	DT
10-24	1:00 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	DT
10-24	7:00 PM	GREA BLUE HERON	1	SL (S) P D B	I A (O) E	2	FLEW AWAY	N	N	DT
10-25	8:00 AM	Mourning DOVE	1	SL S P D (B)	I A O (E)	1	FLEW AWAY	N	N	DT
10-25	8:00 AM	KILLDEER	2	SL S P D (B)	I A O (E)	8	FLEW AWAY	N	N	DT
10-25	8:00 AM	Common GRACKLE	20	SL S P (D) B	I A O (E)	10	FLEW AWAY	N	N	DT
10-25	9:00 AM	SPARROW	6	SL S P D (B)	I A O (E)	3	FLEW AWAY	N	N	DT
10-25	1:00 PM	FINCH	10	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	DT

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
10-25	7:00 PM	MOURING DOVE	1	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	[illegible]
10-26	8:00 AM	GREBE	1	SL S (P) D B	(I) A O E	10	NO EFFECT	N	N	[illegible]
10-26	9:00 AM	GREBE	1	SL S (P) D B	(I) A O E	10	NO EFFECT	N	N	[illegible]
10-26	9:00 AM	GREAT BLUE HERON	1	SL (S) (P) (D) B	(I) A (O) E	50	FLEW AWAY	N	N	[illegible]
10-26	12:30 AM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	10	FLEW AWAY	N	N	[illegible]
10-26	12:45 PM	COMMON GRACKLE	100	SL S P D (B)	I A O (E)	25	NO EFFECT	N	N	[illegible]
10-26	3:30 PM	KILLDEER	3	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	[illegible]
10-26	7:00 PM	RABBIT	1	SL S P D (B)	I A O (E)	1	RAN AWAY	N	N	[illegible]
10/27	8:10 AM	MOURNING DOVE	15	(SL) S P D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/27	8:45 AM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/27	8:55 AM	MOURNING DOVE	4	SL S P (D) B	I A O (E)	2	FLEW AWAY	N	N	RC
10/27	1:07 PM	KILLDEER	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
10/27	2:12 PM	KILLDEER	4	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	RC
10/27	3:4 PM	MOURNING DOVE	26	SL (S) P D B	I A O (E)	6	FLEW AWAY	N	N	RC
10/27	3:59 PM	MOURNING DOVE	15	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/27	6:45 PM	KILLDEER	2	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	RC
10/27	6:48 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	3	FLEW AWAY	N	N	RC
10/28	8:06 AM	KILLDEER	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
10/28	8:06 AM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC
10/28	9:35 AM	GREAT BLUE HERON	1	SL S P (D) B	I (A) O E	1	FLEW AWAY	N	N	RC
10/28	6:00 PM	COMMON GRACKLE	3	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	RC
10/28	6:39 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
10/28	6:42 PM	KILLDEER	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
10/29	8:15 AM	GREAT blue HERON	1	SL (S) P D B	I (A) O E	3	FLEW AWAY	N	N	RC
10/29	9:12 AM	AMERICAN ROBIN	1	SL S P (D) B	I A O (E)	1	FLEW AWAY	N	N	RC
10/29	11:18 AM	COMMON GRACKLE	10	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/29	12:21 PM	KILLDEER	1	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/29	1:25 PM	MOURNING DOVE	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
10/29	2:19 PM	GREAT blue HERON	1	SL S (P) D B	I (A) O E	2	FLEW AWAY	N	N	RC
10/29	5:14 PM	COMMON GRACKLE	33	(SL) S P D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/29	5:14 PM	KILLDEER	2	(SL) S P D B	I A O (E)	1	FLEW AWAY	N	N	RC
10/29	6:45 PM	GREAT blue HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC
10/30	8:12 AM	KILLDEER	3	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
10/30	9:15 AM	MOURNING DOVE	1	SL S P (D) B	I A O (E)	1	FLEW AWAY	N	N	RC
10/30	11:01 AM	MOURNING DOVE	7	SL S (P) D B	I A O (E)	3	FLEW AWAY	N	N	RC
10/30	1:07 PM	CANADA GOOSE	12	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
10/30	2:05 PM	GREAT blue HERON	1	SL S (P) D B	I (A) O E	6	FLEW AWAY	N	N	RC
10/30	6:42 PM	GREAT blue HERON	1	SL (S) P D B	I (A) O E	3	FLEW AWAY	N	N	RC
10/30	6:45 PM	KILLDEER	4	SL S (P) D B	I A O (E)	5	FLEW AWAY	N	N	RC
10/31	8:00 AM	BLUE JAY	1	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	JT
10/31	8:00 AM	MOURNING DOVE	3	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	JT
10/31	12:00 PM	COMMON GRACKLE	4	SL S P (D) B	I A O (E)	2	FLEW AWAY	N	N	JT
10/31	2:30 PM	COMMON GRACKLE	100	SL S P D (B)	I A O (E)	20	FLEW AWAY	N	N	JT
10/31	6:30 PM	COMMON GRACKLE	20	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	JT

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																	
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
2013		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
10/01	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
10/02	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
10/3	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/4	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/5	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/6	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/07	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
10/08	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
10/09	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
10/10	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
10/11	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/12	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/13	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/14	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/15	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
10/16	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

2013 SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																Inspector (Initials)
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
10/17	9:00 Am	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 Pm	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N RAIN	[illegible]
10/19	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
10/19	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/20	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/21	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/22	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
10/23	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	~~N~~	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 Pm	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
10/24	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	[illegible]

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																	
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)	
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N		
10/25	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	JT	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	JT	TOO -WINDY
10/26	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	JT	TOO -WINDY
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	JT	
10/27	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
10/28	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
10/29	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
10/30	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC	
10/31	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	JT	RAIN
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	N	JT	

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
10/01	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
10/02	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	N	NA	NA	INLAND IS HERE TODAY TO Pickup	Y	N	[illegible]
10/3	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
10/4	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
10/5	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
10/6	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
10/07	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
10/08	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
10/09	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date 2013	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
10/10	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	[illegible]
10/11	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/12	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/13	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/14	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/15	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	[illegible]
10/16	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	[illegible]
10/17	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	[illegible]
10/18	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	[illegible]

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
10/19	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/20	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/21	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/22	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/23	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	~~N~~ Y	NA	NA	UNDER ROPE # 40mi- INLAND CLEANING IT UP!	Y	N	JT
10/24	9:00 AM	Y	~~N~~ Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	~~N~~ Y	NA	NA	N	Y	N	JT
10/25	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
10/26	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
10/27	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
10/28	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/29	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/30	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
10/31	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

APPENDIX C

Oil Hauling Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: M I D 0 8 7 7 3 8 4 3 1

2. Page 1 of 1

3. Emergency Response Phone: (734) 586-0900

4. Manifest Tracking Number: 002163818 GBF

GENERATOR

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
3001 MILLER ROAD
DEARBORN, MI 48121 313 594-7375
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THES HORSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: M I R 0 0 0 0 3 6 4 8 3

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
6011 WYOMING AVE
DEARBORN, MI 48126 (313)582-8032
Facility's Phone:
U.S. EPA ID Number: M I D 0 6 4 1 9 1 4 7 1

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL AND WATER	0 0 1	~~BA~~ TT	3000	G	021L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
APPROVAL # 7351

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Trinh
Signature: Lan Trinh
Month 10 Day 10 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F Tackett
Signature: Perry Tackett
Month 10 Day 10 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MID097738431
2. Page 1 of 1
3. Emergency Response Phone: (734) 586-0900
4. Manifest Tracking Number: 002163819 GBF

GENERATOR

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
3001 MILLER ROAD
DEARBORN, MI 48121 313 594-7275
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name: TRES HOPSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: MIR000036433

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
6011 WYOMING AVE
DEARBORN, MI 48126 (313)582-8032
U.S. EPA ID Number: MID064191471
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL AND WATER	001	TT	3250	G	D011
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
APPROVAL # 7351

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Tanh
Signature
Month 10 Day 10 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Tackett
Signature
Month 10 Day 10 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MID087738431
2. Page 1 of 1
3. Emergency Response Phone: (734) 586-0900
4. Manifest Tracking Number: 002163820 GBF

GENERATOR

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
3001 MILLER ROAD
DEARBORN, MI 48121 313 594-7375
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THE3 HOPSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: MIR000036483

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
6011 WYOMING AVE
DEARBORN, MI 48126 (313)582-8032
Facility's Phone:
U.S. EPA ID Number: MID064191471

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL AND WATER	001	TT	2700	G	D21L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
APPROVAL # 7351

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Trinh
Signature: Lan Trinh
Month 10 Day 10 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Tackett
Signature: Perry F. Tackett
Month 10 Day 10 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

Severstal International
MI D 087 738431

October 15, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: September 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The September monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. The report contains the September wildlife survey report and the operators' inspection logs. No wildlife was potentially exposed in the month of September.

Please note that Severstal has engaged a new wildlife consultant, Dr. Robert Gates of the Ohio State University. Dr. Gates conducted the September wildlife survey, and his initial monthly survey report is enclosed. We intend to use Dr. Gates as our wildlife consultant on an ongoing basis. Please let us know if you have any comments or questions on Dr. Gates' report.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9319
E: Jim.Earl@severstalna.com
www.severstalna.com

CONTINUING EMERGENCY MEASURES

THE MONTHLY PROGRESS REPORT
FOR
September 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN, LLC

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period September 1 through September 30, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place over the north end of the Primary Lagoon and across the East and West Sludge Ponds. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

A Wildlife Survey was conducted on September 16-17, 2013 and a copy of the report is provided in Appendix A. Inspection reports show seasonal activities observed in the general area, and no significant issues at the site were identified.

The summary of daily inspection findings is provided in Appendix B. Copies of the inspection reports are also provided in Appendix B. Daily Inspections show normal activities observed throughout the area.

In the month of September, on several occasions of cormorants, blue herons, Canada geese, robins, killdeers, hooded merganser, mourning doves and ducks were observed at near or using one of the treatment plant impoundments and were scared off with the air horns. The birds flew or ran away after horn blasts, so persistent hazing with the air horn was necessary.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in September. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by vacuum truck.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place and propane cannons operated properly in September 2013. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence*? In September, there were observations of cormorants, blue herons, Canada geese, robins, killdeers, hooded merganser, mourning doves and ducks were observed at near or using one of the treatment plant impoundments. In some cases, the birds or animals flew or walked away on their own, but more often persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix B.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

No oil-water mixture was hauled off-site in the month of September 2013.

APPENDIX A

Wildlife Survey

Monthly Wildlife Survey Report
Schaefer Road Wastewater Treatment Plant
Severstal Dearborn, LLC
September 16-17, 2013

Prepared by:

Dr. Robert J. Gates
School of Environment and Natural Resources
The Ohio State University
210 Kottman Hall
2021 Coffey Road
Columbus, OH 43210-1085
FAX: 614-292-7432
gates.77@osu.edu -- Phone 614-292-9571

Submitted to:

Mr. James Earl, Manager, Environmental Engineering
Severstal Dearborn.

Copied to:

Mr. Sid Haymour, Mr. David Williamson, and Ms. Lan Trinh,
Severstal Dearborn
David Rockman, Eckert Seamans, Cherin, and Mellott, LLC

Wildlife survey conducted and reported by:

Dr. Robert J. Gates, School of Environment and Natural Resources, The Ohio State University

Survey Dates: 16-17 September, 2013
Reporting Date: 9 October, 2013

I. WILDLIFE DISTRIBUTION, ABUNDANCE, ACTIVITY AND RESPONSE TO DETERRENT MEASURES

Procedure:

Wildlife surveys were conducted from 3 hours before sunset through 1 hour after sunset and from 1 hour before sunrise through 3 hours after sunrise during September 16-17, 2013. Nine survey points (see Figure 1) were established at strategic locations that provided complete visual coverage of the primary and secondary lagoons, sludge ponds, clarifiers, and grit chambers at the Schaefer Road Wastewater Treatment Plant (SRWWTP). Four survey points (not shown in Figure 1) were established at the southeast, southwest, northwest, and northeast corners of the diked lagoon.

The surface waters, shorelines, and nearby areas were searched with aid of binoculars to detect and record presence of all species of wildlife (birds, mammals, reptiles, and amphibians). Shorelines of the primary, secondary, and diked lagoons and sludge ponds were surveyed to detect and records sign (droppings, tracks, feathers, or other physical remains) of past wildlife use and to detect and recover wildlife carcasses if present. Wildlife sign and carcass remains and impaired wildlife were documented (if found) with photographs and included in the monthly report (this document). Carcasses and other remains were examined (if found) to determine presumptive cause of death. Results of carcass examinations will be provided in a separate report.

Locations, activities (perched, flying [altitude and direction], walking, resting feeding, etc), were recorded for all wildlife observed during 5-15 minute observation periods at each survey point. Wildlife response to deterrent measures was observed throughout the evening and morning survey rounds. Wildlife sign indicating past use (e.g. tracks, droppings, feathers and other remains, etc.) were observed and recorded while walking between survey points.

Two (evening of 16 September, 2013) to three (morning of 17 September, 2013) rounds of surveys were completed for the entire set of survey points. Walking surveys of the fence perimeter and remote areas of the SRWWTP were conducted at least once during each survey.

Survey Results:

Evening, 16 September, 2013

The first round of evening wildlife surveys at the SRWWTP began at 4:30 pm and was completed by 7:15 pm on 16 September, 2013. The surveys covered all 13 survey points (Figure 1), the bermed area north of the diked lagoon and the entire perimeter fence. Temperature was 63-64 ^{o}F, and cloud cover ranged from 0-5% overcast and there was no precipitation. Winds were from the north-northwest at 0-5 mph with gusts to 10-15 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from the water bodies at the SRWWTP.

A total of 83 observations of 12 bird species were recorded during the first evening survey round conducted on 16 September, 2013 (Table 1). One double-crested cormorant was seen flying above the south end of the secondary lagoon, apparently having been flushed after alighting on the water surface or attempting to land there. No other birds were observed on or near water surfaces of the primary, secondary, and diked lagoons, or the sludge ponds, clarifiers or grit pits. No birds were observed inside the netting or goose-lines surrounding the water surfaces. Observations of herring and ring-billed gulls were entirely of birds flying over or within 50 feet of the SRWWTP at 100-150 feet altitude. Mourning doves, rock pigeons, and American goldfinches were observed flying over the SRWWTP at 15 – 150 feet altitude. One killdeer was flushed by Dr. Gates from its ground perch within 30 feet of the south end of the secondary lagoon.

One immature red-tailed hawk, 15-20 unidentified sparrows, 40-50 American robins, 2 mallards, and 2 yellow warblers were seen while surveying the bermed area and perimeter fence. No birds other than the double-crested cormorant (see above) attempted to land on or near any of the SRWWTP water surfaces or other areas that are potentially hazardous to wildlife during the first evening survey on 16 September, 2013.

The second round of evening wildlife surveys at the SRWWTP began at 7:20 pm and was completed by 8:30 pm on 16 September, 2013. The surveys covered only the 13 survey points (Figure 1). Temperature was 64 °F, cloud cover was 0% overcast and there was no precipitation. Winds were from the north-northwest at 0-5 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from the water bodies at the SRWWTP.

A total of 41 observations of 7 bird species were recorded during the second evening survey round conducted on 16 September, 2013 (Table 2). Ring-billed gulls were flying over the SRWWTP at 100-200 feet altitude. Seven blue-winged teal flew over the south ends of the primary and secondary lagoons at 125 feet altitude and eventually landed on the Rouge River 150 feet west of the SRWWTP. Two mallards flew over the primary lagoon and perimeter fence at 100 feet altitude and eventually landed on the Rouge River. Two Canada geese flew over the south end of the sludge ponds at 150 feet altitude. One flock of 9 Canada geese flew over the diked lagoon and other areas of the SRWWTP at 150 feet altitude. One European starling flew at 50 feet altitude over the south end of the secondary lagoon.

One great blue heron was flushed from the water surface of the primary lagoon by the operator of the SRWWTP. This heron then alighted twice inside the goose lines of the secondary lagoon. Viewed at close range through binoculars, the heron clearly had oil-soaked feathers on its head, neck, and back. The heron did not appear to be physically impaired as it readily flew away from the secondary lagoon and out of sight after it was flushed from the area a third time. A second great blue heron landed inside the goose-line surrounding the primary lagoon near sunset. The heron walked out on the raft on the east shore of the secondary lagoon where it remained for 15-20 min. This bird was not oiled and not seen again during the remainder of the second evening survey.

Two flocks of Canada geese totaling 13 birds landed on the diked lagoon after sunset near the end of the second evening survey on 16 September, 2013. None of the geese appeared to be oiled, but attempts to haze them from the lagoon were unsuccessful. Two ducks, likely blue-winged teal also landed on the diked lagoon after the geese. These geese and ducks flew into the diked lagoon from the nearby (within 200 feet) Rouge River. Up to 4 killdeer were also heard calling from the ground between the primary and secondary lagoons. One of the killdeer was observed inside the goose-line of the secondary lagoon.

Morning, 16 September, 2013

The first round of morning wildlife surveys at the SRWWTP began at 6:35 am and was completed by 8:25 am on 17 September, 2013. The surveys covered only the 13 survey points (Figure 1). Temperature was 42° F, and cloud cover was 25% overcast and there was no precipitation. Winds were from the north at 0-5 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from the water bodies at the SRWWTP.

A total of 21 observations of 7 bird species were recorded during the first morning survey round on 17 September, 2013 (Table 3). Five mallards flew over the diked lagoon at 50 feet altitude. One mallard also flew over the Rouge River area within 50 feet outside the perimeter fence. Two mourning doves flew over the primary lagoon and sludge ponds at 20 feet altitude. Four ring-billed gulls were seen circling over the SRWWTP and adjacent Rouge River at 40-200 feet altitude. One killdeer was flushed from a ground perch inside the goose-line surrounding the secondary lagoon. Two European starlings were seen perched on a light pole near the secondary lagoon and the control house near the clarifiers. Five European starlings and one rock pigeon flew east over the sludge ponds and 40 feet altitude. One Northern Cardinal was perched just outside the perimeter fence near the sludge ponds. No birds attempted to land on or near any of the SRWWTP water surfaces or other areas that are potentially hazardous to wildlife during the first morning survey on 17 September, 2013.

The second round of morning wildlife surveys at the SRWWTP began at 8:30 am and was completed by 9:50 am on 17 September, 2013. The surveys covered only the 13 survey points (Figure 1). Temperature was 44° F, and cloud cover was 0% overcast and there was no precipitation. Winds were from the north at 5-10 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from the water bodies at the SRWWTP.

A total of 26 observations of 6 bird species were recorded during the second morning survey round on 17 September, 2013 (Table 4). Three mourning doves (separate individuals) each flew at 10-40 feet altitude over the primary, secondary, or diked lagoons. Three America robins separately flew over the primary and secondary lagoons at 40-50 feet altitude. Six killdeer were repeatedly seen on the ground between the primary and secondary lagoons. Three of the killdeer were seen inside the goose-line surrounding the secondary lagoon but none were seen to contact water or oiled surfaces inside the SRWWTP. Three European starlings were perched on a light pole at the south end of the secondary lagoon. One American Kestrel flew from the Rouge River area at 60 feet altitude over the south end of the secondary lagoon. One northern cardinal was perched in a tree above the west sludge pond and eventually flew over both sludge ponds at 20 feet altitude. One coyote (*Canis latrans*) scat was seen on the road in the bermed area. The scate was presumptively identified based on size, consistency, and prey remains in the scat. No birds were observed on or near water surfaces of the primary, secondary, and diked lagoons, or the sludge ponds, clarifiers, or grit pits during the first morning survey round on 17 September, 2013. No birds attempted to land on or near

areas that are potentially hazardous to wildlife during the second morning survey on 17 September, 2013.

The third round of morning wildlife surveys at the SRWWTP began at 9:55 am and was completed by 10:40 am on 17 September, 2013. The surveys covered only the 13 survey points (Figure 1). Temperature was 48° F, and cloud cover was 0% overcast and there was no precipitation. Winds were from the north at 5-10 mph. Visibility around the survey points and walking route was unobstructed by fog or steam rising from the water bodies at the SRWWTP.

A total of 26 observations of 8 bird species were recorded during the third morning survey round on 17 September, 2013 (Table 5). The same 6 killdeer observed while perched on the ground between the primary and secondary lagoons during the second morning were still present there during the third morning survey round. One ring-billed gull flew over the primary and secondary lagoons at 50 feet altitude. One double-crested cormorant was seen above the south end of the secondary lagoon, apparently having been flushed after alighting on the water surface or attempting to land there. The cormorant circled over the primary and secondary lagoons at 50 feet altitude and then flew out of site. A total of 5 American robins were observed, including two that flew over the south end of the primary lagoon at 50 feet altitude and 3 that were flushed from ground perches within 30 feet of the outflow at the south end of the secondary lagoon. One red-tailed hawk (adult) flew over the bermed area at 75 feet altitude. Three red-winged blackbirds flew just outside the perimeter fence at 20 feet altitude. One coyote (*Canis latrans*) scat (presumptively identified from size, shape, and prey remains) was seen near survey point number 5 (Figure 1). No birds attempted to land on or near areas that are potentially hazardous to wildlife during the third morning survey on 17 September, 2013.

Table 1. Summary of bird species observations recorded during point count and walking surveys conducted during the first morning survey at the Schaefer Road Wastewater Treatment Plant on 16 September, 2013.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Double-crested Cormorant	*Phalacrocorax auritus*				1					1
Mallard	*Anas platyrhynchos*							2		2
Red-tailed Hawk	*Buteo jamaicensis*						1			1
Killdeer	*Charadrius vociferus*				1					1
Ring-billed Gull	*Larus delawarensis*	1		2				1		4
Herring Gull	*Larus argentatus*	1								1
Rock Pigeon	*Columba liva*			1		2		3		6
Mourning Dove	*Zenaida macroura*	2		1						3
American Crow	*Corvus brachyrhynchos*									0
American Robin	*Turdus migratorius*							45		45
Unidentified sparrow								18		18
American Goldfinch	*Carduelis tristas*			2						2
Yellow Warbler	*Setophaga petechia*						2			2
Total		4	0	4	1	2	3	69	0	83

Table 2. Summary of bird species observations recorded during point count and walking surveys conducted during the second evening survey at the Schaefer Road Wastewater Treatment Plant on 16 September, 2013.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Perim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Great Blue Heron	*Ardea herodias*			2						2
Blue-winged Teal	*Anas discors*			7		2				9
Canada Goose	*Branta canadensis*	2				22				24
Mallard	*Anas platyrhynchos*			2						2
Killdeer	*Charadrius vociferus*			3	3			1		7
Ring-billed Gull	*Larus delawarensis*			4	1	2				7
European Starling	*Sturnus vulgaris*				1					1
Total		2	0	9	5	24	0	1	0	41

Table 3. Summary of bird species observations recorded during point count and walking surveys conducted during the first morning survey at the Schaefer Road Wastewater Treatment Plant on 17 September, 2013.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Mallard	*Anas platyrhynchos*					5		1		6
Killdeer	*Charadrius vociferus*				1					1
Ring-billed Gull	*Larus delawarensis*			1				2		3
Rock Pigeon	*Columba liva*	1								1
Mourning Dove	*Zenaida macroura*			2						2
European Starling	*Sturnus vulgaris*	5	1		1					7
Northern Cardinal	*Cardinalis cardinalis*							1		1
Total		6	1	3	2	5	0	4	0	21

Table 4. Summary of bird species observations recorded during point count and walking surveys conducted during the second morning survey at the Schaefer Road Wastewater Treatment Plant on 17 September, 2013.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Killdeer	*Charadrius vociferus*			7						7
Ring-billed Gull	*Larus delawarensis*			1						1
Mourning Dove	*Zenaida macroura*			1	1	1				3
American Robin	*Turdus migratorius*			2	2					4
European Starling	*Sturnus vulgaris*			7	3					10
Northern Cardinal	*Cardinalis cardinalis*		1							1
Total		0	1	18	6	1	0	0	0	26

Table 5. Summary of bird species observations recorded during point count and walking surveys conducted during the third morning survey at the Schaefer Road Wastewater Treatment Plant on 17 September, 2013.

Common Name	Scientific Name	Sludge Ponds	Clarifiers	Prim. Lagoon	Second. Lagoon	Diked Lagoon	Bermed Area	Perim. Fence	Idle Area	Total
Double-crested Cormorant	*Phalacrocorax auritus*				1					1
Red-tailed Hawk	*Buteo jamaicensis*						1			1
Killdeer	*Charadrius vociferus*				6					6
Ring-billed Gull	*Larus delawarensis*			1						1
American Robin	*Turdus migratorius*			2	3					5
European Starling	*Sturnus vulgaris*			7	3					10
Red-winged Blackbird	*Agelaius phoeniceus*							3		3
Northern Cardinal	*Cardinalis cardinalis*		1							1
Total		0	1	10	12	0	0	3	0	26

II. CONDITION, OPERATION, AND FUNCTIONALITY OF WILDLIFE DETERRENT AND OIL CONTACT PREVENTION MEASURES

Procedure:

Thorough walking inspections of the wildlife deterrent measures were completed once each morning and evening during successive wildlife surveys rounds (see objectives 1 and 2). The location, number, condition and functionality of the wildlife deterrent and oil contact prevention measures will be evaluated and recorded. Inspections of wildlife deterrent and oil prevention measures and recorded during daily inspections conducted by Severstal Dearborn personnel were summarized for comparison with observations recorded during the monthly survey.

Results:

Primary Lagoon

Three scare-eye balloons were deployed on the goose-line surrounding the primary lagoon during 16 and 17 September 2013. All were fully inflated and functioning. One propane cannon was deployed on the primary lagoon and was operating normally. One wind dancer was deployed and fully operational near the primary lagoon The cannon and wind dancer was turned off around 7:30 pm on 16 September and restarted by 8 am on 17 September. The goose-line fence was sparsely-flagged with mylar tape.

One horizontal belt oil skimmer was deployed at the outflow of the primary lagoon. This belt stripper was operating throughout the evening surveys on 16 September, 2013. The skimmer was apparently shut off by the SRWWTP operator around 7:30 pm on 16 September. The skimmer was re-started by the SRWWTP operator at 7:55 am and operated intermittently during the morning surveys on 17 September 2013.

There were scattered patches of light oil sheen throughout the primary lagoon on 17 September, 2013. Four patches of thick oil occurred in eddies outside the metal boom on the north side of the primary lagoon. The eddies seemed to concentrate surface water oil and might be removed if skimmers, belts, or pumps could reach across the metal boom. Green growing and tall emergent vegetation was present inside the netting at the outflow of the primary lagoon. These included a 4 X 15 feet patch of cattail (*Typha* spp.) and a 5 X 30 feet patch of common reed (*Phragmites australis*). Small scattered patches of common reed (2 X 10 feet) and millet (*Echinocloa* spp.; 3 X 15 feet) and broad leaf weeds were evident along the west shoreline of the primary lagoon. The netting at the outflow of the primary lagoon was intact with not holes evident and secured tightly to the ground.

Secondary Lagoon

Four scare-eye balloons were deployed on the goose-line fencing surrounding the secondary lagoon during 16 and 17 September 2013. All were fully inflated and functioning properly. One propane cannon was deployed on the secondary lagoon and was operating normally. One wind dancer was deployed and fully operational near the secondary lagoon. The wind dancer and cannon was turned off around 7:30 pm on 16 September and restarted by 8 am on 17 September. The goose-line fence was well-flagged with mylar tape. The netting covering the outflow of the primary lagoon was intact. There were no obvious holes and the netting was secured tight to the ground.

Two horizontal oil skimmers were deployed at north end of the secondary lagoon. One wide band vertical oil skimmer was also deployed on the secondary lagoon. The vertical and horizontal oil skimmers were operational on 16 September, 2013. They were apparently turned off overnight by the SRWWTP operator and restarted by 8:00 am on 17 September 2013. One of the skimmers did not appear to be operating during the morning of 17 September.

There were scattered patches of light oil sheen throughout the secondary lagoon on 17 September, 2013. Light to moderate oil accumulation was noted on the surface water at the east end of the horizontal oil skimmer and at various points along the primary lagoon shoreline where patches of vegetation were present. The secondary lagoon was largely devoid of vegetation except for scattered patches of dead vegetation. Nearly all vegetation had been recently clipped and sprayed.

Diked Lagoon

Three scare-eye balloons were deployed on the goose-line fencing surrounding the secondary lagoon during 16 and 17 September 2013. All were fully inflated and functioning properly. One propane cannon was deployed on the diked lagoon and was operating normally. The cannon was turned off around 7:30 pm on 16 September and restarted by 8 am on 17 September. The goose-line fence was sparsely-flagged with mylar tape. Sections of the goose-line were down along the west side and southwest and northwest corners of the diked lagoon between survey point nos. 11 and 12 (Figure 1).

No oil removal measures were deployed on the diked lagoon. There were scattered patches of light oil sheen throughout the diked lagoon on 17 September, 2013. Moderate oil adhering to filamentous algae was evident along most of the diked lagoon shoreline. A 50 X 5-20 feet band of heavy oil was evident at the southwest corner of the diked lagoon. A 20 X 3-10 feet patch of heavily oiled mudflat was also present at the northwest corner of the diked lagoon. The diked lagoon was largely devoid of shoreline vegetation.

Perimeter Fence

Mylar flagging was present on the top cross-pole of the perimeter fence west of the secondary lagoon. The fence was intact and functional. There was a small opening at the bottom of the fence west of the bermed area where animals as large as coyotes could crawl through to enter the SRWWTP.

Sludge Ponds, Clarifiers, and Grit Pits

No deterrent measures were deployed at the clarifiers and grit pits. Netting was deployed over the sludge ponds. The sludge pond netting had no obvious holes and was secured tight to the ground. No vegetation was present around the clarifiers and grip pits. The sludge ponds were largely devoid of vegetation. Nearly all of the vegetation was dead, having been recently been clipped and sprayed, except for a few scattered stems of live common reed.

SRWWTP Operator

Effective deterrent activities by the SRRWTP operator were observed during 16-17 September, 2013. The SRWWTP operator regularly patrolled the lagoons, sludge ponds clarifiers, grit pits, and surrounding area. Birds were effectively hazed from the site and the operator was clearly knowledgeable about wildlife present on the site and methods of deterrence. It is notable that Canada geese and blue-winged teal landed on the diked lagoon after the operator left and shut down the propane cannons and wind dancers.

III. SUMMARY OF WILDLIFE OBSERVATIONS

This report documents the results of the monthly inspections of wildlife activity, wildlife deterrents, and oil exposure preventive measures. Incidences and evidence of wildlife exposure or contact with oiled surfaces are reported. On-going risks or exposure of wildlife to oiled surfaces are evaluated based on observations recorded during the monthly evening and morning surveys. Wildlife observations recorded during daily wildlife activity inspections conducted by Severstal Dearborn personnel were summarized for comparison with observations recorded during the morning and evening monthly surveys.

Results:

A total of 202 observations of 11 bird species were recorded during daily wildlife activity surveys conducted by SRWWTP operators during 1-16 September, 2013 (Table 6). There were 74 incidences of wildlife activity recorded within the SRWWTP during the daily surveys. Sixty four incidences involved the primary and secondary lagoons, 3 involved the sludge ponds, and 5 were mostly mourning doves observed in the bermed area. Two incidences were of 1 common and one hooded merganser observed in or on surface waters of the SRWWTP lagoons. Sixteen incidences included 2 killdeer and 12

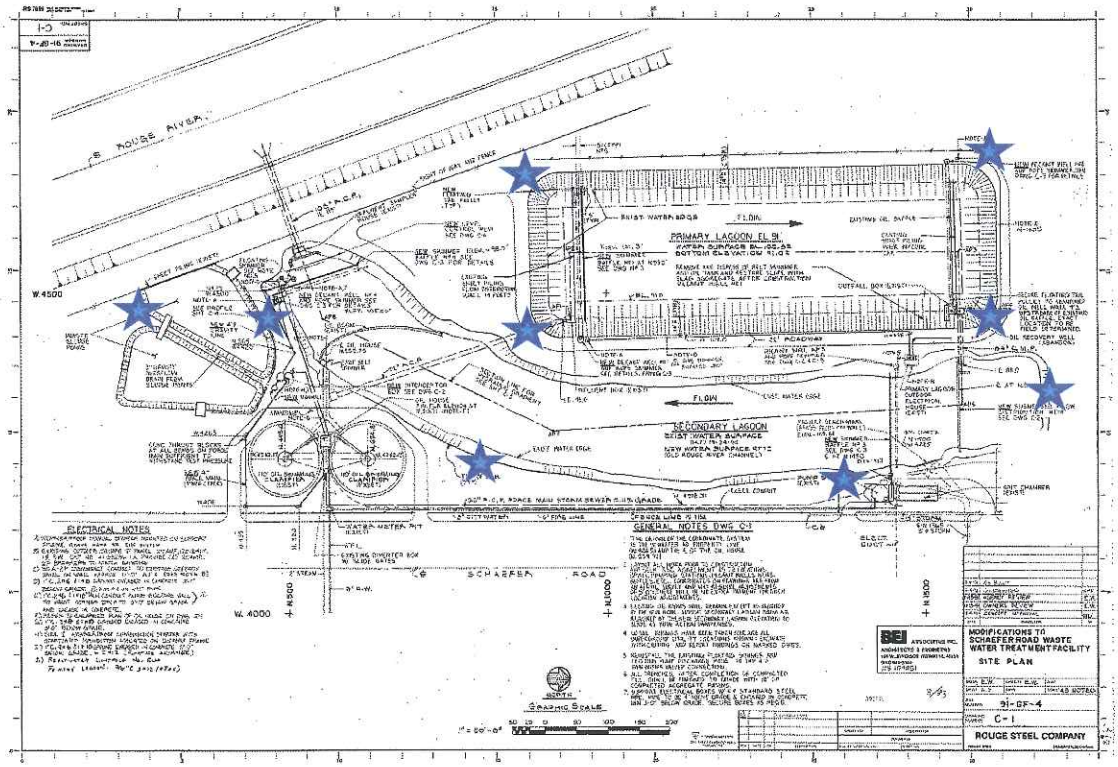
great blue herons adjacent (within 5 feet) to the lagoons. The species and relative numbers of bird species closely match those detected during monthly surveys conducted on 16 and 17 September, 2013. No birds were observed to be oiled, impaired, or dead as a result of contact with lagoon surface waters during the daily wildlife inspections (not including observations recorded during the monthly wildlife surveys conducted 16-17 September, 2013).

Wildlife deterrents and oil removal measures were inspected twice per day (32 total inspections) by SRWWTP operators between 9:00 am and 1:00 pm each day. No problems were noted with the deterrents and oil removal measures.

Table 6. Summary of wildlife activity recorded in the daily wildlife inspection logs at the Schaefer Road Wastewater Treatment Plant during 17 September, 2013

Bird Species	Number Birds	Other Wildlife Species	Number Other Wildife
Double-crested Cormorant	1	Wood chuck	2
Great Blue Heron	12	Rabbit	1
Canada Goose	32		
Mallard	4		
Hooded Merganser	1		
Killdeer	37		
Herring Gull	1		
Tern	2		
Mourning Dove	110		
American Robin	1		
Common Grackle	1		
Total	202		3

Figure 1. Map diagram of the Schaefer Road Wastewater Treatment Plant and surrounding areas where wildlife were surveyed during 16-17 September, 2013. Blue stars indicated survey stops where 5-10 minute point counts and observations of wildlife activity were conducted.



APPENDIX B

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD

September 1 to September 30, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG

Inspections	Bird Observations	Interest Shown	Adjacent	Flying Over	Elsewhere	Interest Shown Location	Number of Horn Blasts	Exposed?	Carcass?	Result
140	187	3	25	20	139	Secondary Lagoon	300	No	No	Flew or ran away on their own and after horn blasts.

*During dawn to dusk inspections

Interest Shown: In or On the Ponds

Adjacent: to within 5 feet of water edge or surface

Elsewhere: On the ground or structure, or in tree >5 from water

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Vegetation (>6 inches high)	Cannon Operating	Scary Balloons (>8 inflated)	Netting Holes or Gaps	Mylar Bibbons Inplaced	Air Dancer Operating?
None	No	Yes.	Yes	No	Yes	Yes.

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil Not Captured (by Skimmers)		If Recoverable Oil Not reach of an operating skimmers	Oil Management		
Primary Lagoon	Secondary Lagoon	Speccific Location	Oil equipment off Ground	If Not. Response Action	Comments
None	None	None	Yes	NA	Oil not captured by skimmers is removed frequently by vacuum truck.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
9/1	8:02 AM	Mourning Dove	3	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
9/1	9:32 AM	Morning Dove	2	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
9/1	5:10 PM	Killdeer	2	SL S (P) D B	I A O (E)	3	Flew Away	N	N	RC
9/2	7:58 AM	Canada Goose	1	SL S (P) D B	I (A) O E	1	Flew Away	N	N	RC
9/2	8:10 AM	Killdeer	1	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
9/2	1:11 PM	Mourning Dove	3	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
9/2	2:05 PM	Mallard Duck	1	SL (S) P D B	I (A) O E	3	Flew Away	N	N	RC
9/2	5:15 PM	Mourning Dove	7	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
9/2	5:25 PM	Mallard Duck	1	SL (S) P D B	I (A) O E	1	Flew Away	N	N	RC
9/3	9:08 AM	Mourning Dove	4	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
9/3	9:13 AM	Killdeer	1	SL S (P) D B	I A O (E)	3	Flew Away	N	N	RC
9/3	9:15 AM	Mourning Dove	2	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
9/3	1:05 PM	Mourning Dove	3	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
9/3	1:10 PM	Mourning Dove	2	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
9/3	2:00 PM	Ground Hog	1	SL S (P) D B	I A O (E)	0	Ran Away	N	N	RC
9/3	8:56 PM	Killdeer	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	WA
9/4	10:10 AM	Mourning Dove	13	SL (S) P D B	I A (O) E	0	Flew Away	N	N	RC
9/4	6:15 PM	Morning Dove	4	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
9/4	7:55 PM	Killdeer	1	SL S (P) D B	I A O (E)	1	Flew Away	N	N	WA
9-5	8:00 AM	Tern	2	SL S (P) D B	I A O (E)	1	Flew Away	N	N	[illegible]
9-5	9:00 AM	Kill Deer	1	SL S P D (B)	I A O (E)	1	Flew Away	N	N	[illegible]
9-5	11:0 AM	Mourning Dove	2	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
9-5	1:00 PM	Kill DEER	1	SL S P D (B)	I A O (E)	4	No Effect.	N	N	[illegible]
9-5	4:00 PM	Kill DEER	1	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	[illegible]
9-5	7:15 PM	Robin	1	SL S P D (B)	I A O (E)	1	FLEW AWAY	N	N	[illegible]
9-6	7:45 AM	MALLARD DUCKS	3	SL (S) P D B	I A (O) E	1	FLEW AWAY	N	N	[illegible]
9-6	9:30 AM	Kill DEER	1	SL S P D (B)	I A O (E)	1	FLEW AWAY	N	N	[illegible]
9-6	10:30	TERNS	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
9-6	10:30	CORMORANT ~~Duck~~	1	SL (S) P D B	(I) A O E	2	FLEW AWAY	N	N	[illegible]
9-6	4:30	GROUND HOG	1	SL (S) P D B	I A O (E)	1	RAN AWAY	N	N	[illegible]
9-6	7:15 PM	GROUND HOG	1	SL (S) P D B	I A O (E)	1	RAN AWAY	N	N	[illegible]
9-6	7:15 PM	Kill DEER	1	SL S P (D) B	I (A) O E	1	No Effect	N	N	[illegible]
9-6	7:15 PM	MOURING DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	[illegible]
9/7	7:59 AM	Mourning DOVE	3	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
9/7	9:05 AM	Mourning DOVE	5	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/7	9:06 AM	Mourning DOVE	2	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
9/7	10:13 AM	Mourning DOVE	17	(SL) S P D B	I A O (E)	6	FLEW AWAY	N	N	RC
9/7	3:00 PM	AMERICAN Robin	3	SL S (P) D B	I A O (E)	0	FLEW AWAY	N	N	RC
9/7	4:10 PM	Mourning DOVE	2	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
9/7	8:14 PM	Kill DEER	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	ZOW
9/8	7:30 AM	MOURING DOVE	3	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	[illegible]
9/8	9:00 AM	CORMORANT.	1	SL (S) P D B	(I) A O E	1	FLEW AWAY	N	N	[illegible]
9/8	1:00 PM	MOURING DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	[illegible]
9-8	7:15 PM	MOURING DOVE	1	SL S P D (B)	I A O (E)	1	FLEW AWAY	N	N	[illegible]

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
9/9	7:50 AM	Killdeer	1	SL S (P) D B	I (A) O E	2	Flew Away	N	N	RC
9/9	11:03 AM	Mourning Dove	2	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
9/9	2:10 PM	Mourning Dove	4	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
9/9	3:08 PM	Killdeer	3	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
9/9	4:32 PM	Killdeer	4	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
9/9	4:32 PM	Mourning Dove	5	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
9/9	7:10 PM	Killdeer	3	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
9/10	7:55 AM	Mourning Dove	5	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
9/10	8:33 AM	Great blue Heron	1	SL (S) P D B	I (A) O E	1	Flew Away	N	N	RC
9/10	10:50 AM	Great blue Heron	1	SL (S) P D B	I (A) O E	2	Flew Away	N	N	RC
9/10	1:10 PM	Mourning Dove	1	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
9/10	1:14 PM	Mourning Dove	1	(SL) S P D B	I A O (E)	1	Flew Away	N	N	RC
9/10	6:02 PM	Mourning Dove	2	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
9/10	7:00 PM	Mourning Dove	4	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
9/11	8:00 AM	Hooded Merganser	1	SL (S) P D B	I (A) O E	0	Flew Away	N	N	RC
9/11	10:55 AM	Great blue Heron	1	SL (S) P D B	I (A) O E	0	Flew Away	N	N	RC
9/11	11:20 AM	Canada Goose	7	SL (S) P D B	I A (O) E	0	Flew Away	N	N	RC
9/11	11:47 AM	Great blue Heron	1	SL (S) P D B	I (A) O E	2	Flew Away	N	N	RC
9/11	6:30 PM	Great blue Heron	1	SL S (P) D B	I A O (E)	3	Flew Away	N	N	RC
9/11	7:15 PM	Killdeer	3	SL S (P) D B	I A O (E)	4	Flew Away	N	N	RC
9/12	8:02 AM	Mourning Dove	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
9/12	10:13 AM	Great blue Heron	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
9/12	11:04 AM	mourning DOVE	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/12	11:47 AM	GREAT BLUE HERON	2	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC
9/12	12:20 PM	GREAT BLUE HERON	2	SL (S) P D B	I (A) O E	4	FLEW AWAY	N	N	RC
9/12	1:12 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC
9/12	5:00 PM	mourning DOVE	2	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
9/12	7:17 PM	mourning DOVE	3	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
9/13	7:50 AM	COMMON GRACKLE	2	SL S P (D) B	I A O (E)	1	FLEW AWAY	N	N	RC
9/13	1:00 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	N	N	RC
9/13	5:01 PM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
9/13	7:13 PM	KILLDEER	3	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/14	8:01 AM	KILLDEER	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/14	8:05 AM	COMMON GRACKLE	1	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
9/14	9:15 AM	RABBIT	1	SL (S) P D B	I A O (E)	0	RAN AWAY	N	N	RC
9/14	9:53 AM	CANADA GOOSE	9	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
9/14	11:04 AM	KILLDEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/14	12:50 PM	KILLDEER	1	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	RC
9/14	7:12 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	6	FLEW AWAY	N	N	RC
9/15	8:08 AM	KILLDEER	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/15	8:35 AM	CANADA GOOSE	13	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
9/15	9:58 AM	MOURNING DOVE	4	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/15	12:07 PM	CANADA GOOSE	2	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
9/15	1:00 PM	COMMON GRACKLE	9	SL S (P) D B	I A O (E)	4	FLEW AWAY	N	N	RC

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
9/15	3:10 PM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
9/15	2:29 PM	KILLDEER	7	SL S (P) D B	I A O (E)	5	FLEW AWAY	N	N	RC
9/16	7:43 AM	Herring Gull	1	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	RC
9/16	8:04 AM	KILLDEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/16	11:00 AM	Mourning DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/16	4:55 PM	MOURNING DOVE	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
9/16	7:30 AM	GREAT BLUE HERON	1	SL S (P) D B	I (A) O E	3	FLEW AWAY	N	N	RC
9/16	7:39 PM	COMMON GRACKLE	5	SL S P (D) B	I A (O) E	0	FLEW AWAY	N	N	RC
9/17	7:50 AM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
9/17	7:59 AM	REDWINGED BLACKBIRD	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/17	8:01 AM	KILLDEER	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
9/17	9:04 AM	Mourning DOVE	2	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
9/17	9:55 AM	KILLDEER	4	SL S (P) D B	I A O (E)	0	FLEW AWAY	N	N	RC
9/17	11:13 AM	KILLDEER	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/17	11:15 AM	MOURNING DOVE	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
9/17	7:25 PM	KILLDEER	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/18	7:46 AM	Mourning DOVE	3	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
9/18	8:13 AM	COMMON GRACKLE	1	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
9/18	8:51 AM	Mourning DOVE	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/18	8:59 AM	Mourning DOVE	15	SL (S) P D B	I (A) O E	5	FLEW AWAY	N	N	RC
9/18	9:00 AM	Mourning DOVE	7	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
9/18	9:21 AM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
9/18	3:02 PM	Mourning Dove	1	SL (S) P D B	I A O (E)	0	Flew Away	N	N	[illegible]
9/18	3:42 PM	Canada Goose	1	SL (S) P D B	I A (O) E	0	Flew Away	N	N	[illegible]
9/18	7:17 PM	Killdeer	3	SL S (P) D B	I A O (E)	4	Flew Away	N	N	[illegible]
9/19	7:45 AM	Mourning Dove	4	SL (S) P D B	I A O (E)	1	Flew Away	N	N	[illegible]
9/19	7:48 AM	Herring gull	1	SL S (P) D B	I A (O) E	0	Flew Away	N	N	[illegible]
9/19	8:02 AM	Common Grackle	22	(SL) S P D B	I A (O) E	0	Flew Away	N	N	[illegible]
9/19	8:50 AM	Herring Gull	1	SL S P (D) B	I A (O) E	0	Flew Away	N	N	[illegible]
9/19	8:59 AM	Common Grackle	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
9/19	9:30 AM	American Robin	5	(SL) S P D B	I (A) O E	3	Flew Away	N	N	[illegible]
9/19	9:47 AM	Killdeer	3	SL (S) P D B	I A (O) E	0	Flew Away	N	N	[illegible]
9/19	12:05 PM	Killdeer	6	SL (S) P D B	I A O (E)	3	Flew Away	N	N	[illegible]
9/19	7:16 PM	Killdeer	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
9/20	8:55 AM	Herring Gull	1	SL (S) P D B	I A (O) E	0	Flew Away	N	N	[illegible]
9/20	9:03 AM	Redwinged Blackbird	6	(SL) S P D B	I A O (E)	2	Flew Away	N	N	[illegible]
9/20	11:09 AM	Common Grackle	17	SL S (P) D B	I A O (E)	2	Flew Away	N	N	[illegible]
9/20	7:30 PM	Killdeer	3	SL S (P) D B	I A O (E)	2	Flew Away	N	N	[illegible]
9/21	7:45 AM	Killdeer	1	SL (S) P D B	I A O (E)	2	No Effect	N	N	[illegible]
9/21	1:00 PM	Black Vulture	1	SL S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
9/21	1:00 PM	Killdeer	2	SL (S) P D B	I A O (E)	3	Flew Away	N	N	[illegible]
9/21	7:15 PM	Mourning Dove	2	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
9/22	8:00 AM	Killdeer	2	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
9/22	1:00 PM	Ground Hog	1	SL S P D (B)	I A O (E)	1	Ran Away	N	N	[illegible]

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[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
9/22	7:15 PM	Rabbit	1	SL S P D (B)	I A O (E)	1	Ran Away	N	N	[illegible]
9/23	7:31 AM	Killdeer	5	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
9/23	10:03 AM	Killdeer	2	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
9/23	11:27 AM	Redwinged Blackbird	1	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
9/23	1:00 PM	Mourning Dove	1	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
9/23	7:13 PM	Killdeer	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
9/24	7:30 AM	Canadian Geese	2	SL (S) P D B	I A (O) E	1	Flew Away	N	N	[illegible]
9/24	11:30 AM	Great Blue Heron	1	(SL) S P D B	I (A) O E	1	Flew Away	N	N	[illegible]
9/24	6:45 PM	Mourning Dove	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	[illegible]
9/24	6:45 PM	Ground Hog	1	SL (S) P D B	I A O (E)	1	Ran Away	N	N	[illegible]
9/25	7:45 AM	Killdeer	3	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
9/25	7:47 AM	Mourning Dove	1	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
9/25	1:07 PM	Mourning Dove	31	(SL) S P D B	I A O (E)	4	Flew Away	N	N	RC
9/25	7:14 PM	Redwinged blackbird	2	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
9/26	7:57 AM	Canada Goose	12	(SL) S P D B	I A (O) E	0	Flew Away	N	N	RC
9/26	8:04 AM	Redwinged Blackbird	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
9/26	8:41 AM	Canada Goose	20	SL (S) P D B	I A (O) E	0	Flew Away	N	N	RC
9/26	9:55 AM	Killdeer	2	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
9/26	10:35 AM	Great blue Heron	1	SL (S) P D B	I (A) O E	1	Flew Away	N	N	RC
9/26	10:39 AM	Common Grackle	4	(SL) S P D B	I A O (E)	2	Flew Away	N	N	RC
9/26	7:2 PM	Killdeer	2	SL (S) P D B	I A O (E)	3	Flew Away	N	N	RC
9/27	7:55 AM	Killdeer	2	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
9/27	8:04 AM	Mourning DOVE	2	SL S P D B	I A O E	1	FLEW AWAY	N	N	RC
9/27	9:20 AM	KILLDEER	3	SL S P D B	I A O E	1	FLEW AWAY	N	N	RC
9/27	9:22 AM	Mourning DOVE	2	SL S P D B	I A O E	1	FLEW AWAY	N	N	RC
9/27	10:06 AM	KILLDEER	5	SL S P D B	I A O E	2	FLEW AWAY	N	N	RC
9/27	10:17 AM	GREAT blue HERON	1	SL S P D B	I A O E	1	FLEW AWAY	N	N	RC
9/27	11:25 AM	COMMON GRACKLE	9	SL S P D B	I A O E	0	FLEW AWAY	N	N	RC
9/27	12:07 PM	Mourning DOVE	1	SL S P D B	I A O E	1	FLEW AWAY	N	N	RC
9/27	3:45 pm	GREAT blue HERON	2	SL S P D B	I A O E	2	FLEW AWAY	N	N	RC
9/27	7:21 PM	Mourning DOVE	3	SL S P D B	I A O E	2	FLEW AWAY	N	N	RC
9/28	7:44 AM	KILLDEER	2	SL S P D B	I A O E	1	FLEW AWAY	N	N	RC
9/28	9:05 AM	KILLDEER	2	SL S P D B	I A O E	3	FLEW AWAY	N	N	RC
9/28	9:07 AM	Mourning DOVE	2	SL S P D B	I A O E	1	FLEW AWAY	N	N	RC
9/28	10:10 AM	GREAT blue HERON	1	SL S P D B	I A O E	0	FLEW AWAY	N	N	RC
9/28	10:26 AM	KILLDEER	5	SL S P D B	I A O E	0	FLEW AWAY	N	N	RC
9/28	11:18 AM	COMMON GRACKLE	5	SL S P D B	I A O E	0	FLEW AWAY	N	N	RC
9/28	1:03 pm	GREAT blue HERON	1	SL S P D B	I A O E	2	FLEW AWAY	N	N	RC
9/28	4:05 pm	KILLDEER	2	SL S P D B	I A O E	1	FLEW AWAY	N	N	RC
9/28	7:28 PM	Mourning DOVE	7	SL S P D B	I A O E	4	FLEW AWAY	N	N	RC
9/29	7:45 AM	MOURNING DOVE	6	SL S P D B	I A O E	10	FLEW AWAY	N	N	DT
9/29	7:45 AM	COMMON GRACKLE	10	SL S P D B	I A O E	10	FLEW AWAY	N	N	DT
9/29	9:00 AM	GREAT BLUE HERON	1	SL S P D B	I A O E	3	FLEW AWAY	N	N	DT
9/29	9:19 AM	MOURING DOVE	2	SL S P D B	I A O E	2	FLEW AWAY	N	N	DT

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
9/29	1:00 Pm	Common Grackle	5	SL (S) P D B	I A O (E)	7	Flew Away	N	N	[illegible]
9/29	6:30 Pm	Kill Deer	4	SL S P D (B)	I A O (E)	4	Flew Away	N	N	[illegible]
9/29	6:35 Pm	Common Grackle	4	SL (S) P D B	I A O (E)	3	Flew Away	N	N	[illegible]
9/30	7:45 Am	Mourning Dove	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	[illegible]
9/30	9:00 Am	Canadian Geese	7	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
9/30	1:00 Pm	Common Grackle	4	SL (S) P D B	I A O (E)	3	Flew Away	N	N	[illegible]
9/30	5:00 Pm	Great Blue Heron	1	SL S P (D) B	I A (O) E	3	Flew Away	N	N	[illegible]
9/30	5:05 Pm	Kill Deer	3	SL (S) P D B	I A O (E)	7	Flew Away	N	N	[illegible]
9/30	5:15 Pm	Common Grackle	8	SL S P D (B)	I A O (E)	5	Flew Away	N	N	[illegible]
9/30	6:30 Pm	Great Blue Heron	1	SL (S) P D B	(I) A O E	15	Flew Away	N	N	[illegible]
9/30	6:35 Pm	Kill Deer	3	SL S P D (B)	I A O (E)	3	Flew Away	N	N	[illegible]
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
9/1	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/2	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/3	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/4	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/5	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
9/6	9:30 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
9/7	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/8	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
9/9	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/10	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/11	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/12	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/13	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/14	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/15	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/16	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC

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[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
9/17	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/18	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/19	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/20	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/21	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
9/22	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
9/23	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/24	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
9/25	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/26	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/27	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/28	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
9/29	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
9/30	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
9/1	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
9/2	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
9/3	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
9/4	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 AM	Y	Y	NA	NA	N	Y	N	RE
9/5	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
9/6	9:30 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
9/7	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
9/8	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
9/9	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
9/10	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
9/11	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
9/12	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
9/13	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
9/14	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
9/15	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
9/16	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
9/17	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
9/18	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
9/19	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
9/20	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
9/21	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
9/22	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
9/23	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
9/24	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
9/25	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
9/26	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
9/27	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
9/28	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
9/29	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
9/30	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

Sharrow, Diane

From: Sharrow, Diane
Sent: Friday, October 25, 2013 1:22 PM
To: 'Tuma, Gary (DEQ)'
Cc: Tyson, Kimberly (DEQ); Craig, John (DEQ); Rogers, Joseph (DEQ); Ostaszewski, Arthur (DEQ); MontgomeryD1@michigan.gov; Victorine, Gary; Morris, Jennifer
Subject: RE: September 2013 Monthly Report on Schaefer Road WWTP; AO #R7003-5-00-001

Gary,

Thank you for your message.

I have not read / reviewed the October Monthly Report yet, but will.

I had noted the cover letter where SeverStal indicated a change in wildlife biologists.

I have not been out to Schaefer Road WWTP in over two years, so your observation makes me wonder about SeverStal's compliance with other requirements that are to be met / followed under the EPA approved continuing Emergency Measures (CEM) Work plan and the 2001 RCRA 7003 Order.

I am also wondering if there has been any other changes in SeverStal's operation & production that might be affecting volume of oil in the ponds?

I will talk to my new supervisor (Mike Cunningham) today about a possible unannounced inspection / visit and whether we should be take a closer look at the "de minimis" used oil entering the impoundments at the SRWWTP.

Do you know if SeverStal has had any exceedences of their permit for discharge from Schaefer Road WWTP to the Rouge River? Any other compliance issues?

Thank you again for bringing the discrepancy to my attention.

Diane Sharrow

From: Tuma, Gary (DEQ) [mailto:TUMAG@michigan.gov]
Sent: Friday, October 25, 2013 8:28 AM
To: Sharrow, Diane
Cc: Tyson, Kimberly (DEQ); Craig, John (DEQ); Rogers, Joseph (DEQ); Ostaszewski, Arthur (DEQ); MontgomeryD1@michigan.gov
Subject: September 2013 Monthly Report on Schaefer Road WWTP; AO #R7003-5-00-001

Hi Diane:

DEQ staff have reviewed the above referenced report and discovered a discrepancy between the reporting on the cover page and the findings in the actual report. The cover page summary indicates "No wildlife was potentially exposed in the month of September." The report by Dr. Robert Gates indicates that on the evening of 16 September, 2013, a Great Blue Heron was flushed from the water surface of the primary lagoon by the operator of the SRWWTP. The Heron "viewed at close range through binoculars ... clearly had oil-soaked feathers on its head, neck and back." Over a dozen other birds landed on the lagoon that same evening but did not appear oiled.

This discrepancy makes me wonder if Severstal is actually reading the reports and what additional corrective measures should be taken, if any, to discourage wildlife from landing in the lagoon.

Gary S. Tuma

Gary S. Tuma, Enforcement Specialist, DEQ, OWMRP, Enforcement Section

Phone (517) 284-6549), Fax (517) 373-4797

E-mail tumag@michigan.gov

Mail Address: P.O. Box 30241, Lansing, Michigan 48909-7741

Hand Delivery: Constitution Hall, Atrium North

525 West Allegan Street, Lansing, Michigan 48933

Sharrow, Diane

From: Trinh, Lan [Lan.Trinh@severstalna.com]
Sent: Thursday, December 12, 2013 12:14 PM
To: Sharrow, Diane
Cc: Earl, Jim
Subject: September 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Dear Ms. Sharrow:

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001
Correction of September 2013 Report

In our September 2013 Monthly Report, dated October 15, 2013, both our cover letter and our report incorrectly stated that no wildlife was exposed during September. Instead, as noted in the report from our new wildlife consultant, on September 16, a great blue heron was observed with oil-soaked feathers on its head, neck and back. The heron did not appear to be physically impaired as it readily flew away from the secondary lagoon.

Dr. Gates, Severstal's wildlife consultant, has confirmed the information set forth in his report. Due to our transition of experts, and the fact that the heron flew away without apparent effect, this event was not recognized as an exposure event and was not reported in advance of the monthly report submission. We apologize for any confusion this error may have caused, and will ensure that this circumstance will be reported appropriately in the future.

Please contact me at 313-323-1260 or Jim Earl at (313) 845-3217, if you have questions on the information in this report.

Sincerely,

Lan Trinh

Environmental Engineer
14661 Rotunda Drive
Dearborn, MI 48120-1699
T: 313-323-1260
F: 313-337-9319

********** ATTACHMENT NOT DELIVERED **********

This Email message contained an attachment named
image001.jpg
which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachments sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name

extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name.

For further information, please contact the EPA Call Center at (866) 411-4EPA (4372). The TDD number is (866) 489-4900.

********** ATTACHMENT NOT DELIVERED **********

Sharrow, Diane

From: Tuma, Gary (DEQ) [TUMAG@michigan.gov]
Sent: Friday, October 25, 2013 8:28 AM
To: Sharrow, Diane
Cc: Tyson, Kimberly (DEQ); Craig, John (DEQ); Rogers, Joseph (DEQ); Ostaszewski, Arthur (DEQ); MontgomeryD1@michigan.gov
Subject: September 2013 Monthly Report on Schaefer Road WWTP; AO #R7003-5-00-001

Hi Diane:

DEQ staff have reviewed the above referenced report and discovered a discrepancy between the reporting on the cover page and the findings in the actual report. The cover page summary indicates "No wildlife was potentially exposed in the month of September." The report by Dr. Robert Gates indicates that on the evening of 16 September, 2013, a Great Blue Heron was flushed from the water surface of the primary lagoon by the operator of the SRWWTP. The Heron "viewed at close range through binoculars ... clearly had oil-soaked feathers on its head, neck and back." Over a dozen other birds landed on the lagoon that same evening but did not appear oiled.

This discrepancy makes me wonder if Severstal is actually reading the reports and what additional corrective measures should be taken, if any, to discourage wildlife from landing in the lagoon.

Gary S. Tuma

Gary S. Tuma, Enforcement Specialist, DEQ, OWMRP, Enforcement Section

Phone (517) 284-6549), Fax (517) 373-4797

E-mail tumag@michigan.gov

Mail Address: P.O. Box 30241, Lansing, Michigan 48909-7741

Hand Delivery: Constitution Hall, Atrium North

525 West Allegan Street, Lansing, Michigan 48933

Severstal
International

MID 087138431

September 13, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: August 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The August monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. This report contains the August operators' inspection logs. No wildlife was potentially exposed in the month of August.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

Lan Trinh for

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9319
E: Jim.Earl@severstalna.com
www.severstalna.com

CONTINUING EMERGENCY MEASURES

THE MONTHLY PROGRESS REPORT
FOR
August2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN, LLC

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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Oil Hauling Manifests	Appendix B

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period August1 through August31, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place over the north end of the Primary Lagoon and across the East and West Sludge Ponds. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

The summary of daily inspection findings is provided in Appendix A. Copies of the inspection reports are also provided in Appendix A. Daily Inspections show normal activities observed throughout the area.

In the month of August, on several occasions of blue herons, ground hog, killdeers, mourning dove and ducks were observed at near or using one of the treatment plant impoundments and were scared off with the air horns. The birds flew or ran away after horn blasts, so persistent hazing with the air horn was necessary.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in August. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by vacuum truck.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place. The propane cannons operated properly in August 2013 except for a couple days due to rain. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence*? In August, there were observations of blue herons,, ducks, robins, mourning doves, killdeers, rabbits, and ground hog overflight or around the Bermed area. In some cases, the birds or animals flew or walked away on their own, but more often persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix A.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

6,000 gallons of oil-water mixture were hauled off-site in the month of August 2013. Copies of the manifests for the loads are in Appendix B.

APPENDIX A

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD

August 1 to August 31, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG

Inspections	Bird Observations	Interest Shown	Adjacent	Flying Over	Elsewhere	Interest Shown Location	Number of Horn Blasts	Exposed?	Carcass?	Result
135	159	5	26	11	117	Secondary Lagoon and Primary Lagoon	201	No	No	Flew or ran away on their own and after horn blasts.

*During dawn to dusk inspections

Interest Shown: In or On the Ponds

Adjacent: to within 5 feet of water edge or surface

Elsewhere: On the ground or structure, or in tree >5 from water

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Vegetation (>6 inches high)	Cannon Operating	Scary Balloons (>8 inflated)	Netting Holes or Gaps	Mylar Bibbons Inplaced	Air Dancer Operating?
None	No	Yes.	Yes	No	Yes	Yes. Except couple raining days due to rain

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil		If Recoverable Oil Not	Oil Management		
Primary Lagoon	Secondary Lagoon	Speccific Location	Oil equipment off Ground	If Not. Response Action	Comments
1	2	Primary Lagoon East side and Secondary Lagoon just under rope south side	Yes	Called Inland contractor for vacuum truck	Oil not captured by skimmers is removed frequently by vacuum truck.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
8/1	8:01 AM	Morning Dove	4	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
8/1	8:10 AM	Killdeer	3	SL S (P) D B	I (A) O E	0	Flew Away	N	N	RC
8/1	9:14 AM	Killdeer	3	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
8/1	9:16 AM	Morning Dove	2	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
8/1	12:02 PM	Killdeer	4	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
8/1	1:15 PM	Killdeer	1	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
8/1	1:19 PM	American Robin	2	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
8/1	3:04 PM	Ground Hog	1	SL S (P) D B	I (A) O E	0	Ran Away	N	N	RC
8/2	8:05 AM	American Robin	1	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
8/2	9:04 AM	American Robin	3	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
8/2	1:15 PM	Killdeer	5	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
8/2	3:20 PM	American Robin	1	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
8/2	4:02 PM	American Robin	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
8/3	8:06 AM	Killdeer	4	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
8/3	8:07 AM	Morning Dove	2	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
8/3	8:13 AM	American Robin	3	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
8/3	9:29 AM	Killdeer	2	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
8/3	4:10 PM	Killdeer	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
8/3	8:30 pm	American Robin	2	SL S (P) D B	I A O (E)	1	Flew Away	N	N	LP
8/4	5:55 AM	Rabbit	1	SL S (P) D B	I A O (E)	0	Ran Away	N	N	D.C.
8/4	4:00 AM	Kill Deer	2	SL S (P) D B	I A O (E)	2	No Effect	N	N	[illegible]
8/4	8:25 pm	Great Blue Herron	1	SL S (P) D B	I (A) O E	1	Flew Away	N	N	LP

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
8/5	9:15PM	Killdeer	3	SL (S) P D B	I A O (E)	1	Ran Away	N	N	J.P.
8/6	5:51AM	Great blue Heron	1	SL (S) P D B	I (A) O E	0	Flew Away	N	N	D.C.
8/6	5:51AM	Killdeer	2	SL S (P) D B	I A O (E)	0	Ran Away	N	N	D.C.
8/6	10:30AM	~~Groun~~ Ground Hog	1	(SL) S P D B	I A O (E)	0	Ran Away	N	N	[illegible]
8/6 9:00AM	10:40AM	Robins	10	SL S P D (B)	I A O (E)	3	Flew Away	N	N	[illegible]
8/6	8:48PM	Killdeer	3	SL S (P) D B	I A O (E)	2	Flew Away	N	N	[illegible]
8-7	5:50AM	Robin	2	SL S P (D) B	I A O (E)	0	Flew Away	N	N	[illegible]
8/7	8:20AM	Ground Hog	1	SL S (P) D B	I A O (E)	0	Ran Away	N	N	[illegible]
8/7	9:00AM	Kill Deer	1	SL S P D (B)	I A O (E)	1	Flew Away	N	N	[illegible]
8/7	9:15AM	Ground Hog	1	SL (S) P D B	I A O (E)	0	Ran Away	N	N	[illegible]
8/7	1:15PM	Robins	4	SL S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
8/7	8:56PM	Kill Deer	2	SL S (P) D B	I A O (E)	1	Flew Away	N	N	[illegible]
8/8	5:52AM	Kill Deer	3	SL (S) P D B	I A O (E)	0	Flew Away	N	N	D.C.
8/8	8:07AM	Mourning Dove	2	SL (S) P D B	I A O (E)	0	Flew Away	N	N	[illegible]
8/8	9:19AM	Killdeer	3	SL S (P) D B	I A O (E)	2	Flew Away	N	N	[illegible]
8/8	11:37AM	Killdeer	1	SL S (P) D B	I A O (E)	0	Flew Away	N	N	[illegible]
8/8	1:12PM	Killdeer	2	SL S (P) D B	I (A) O E	1	Flew Away	N	N	[illegible]
8/8	7:05PM	Killdeer	6	SL S (P) D B	I A O (E)	2	Flew Away	N	N	[illegible]
8/8	8:31PM	Kill Deer	1	SL S (P) D B	I A O (E)	1	Flew Away	N	N	[illegible]
8-9	5:55AM	Robin	3	SL S P (D) B	I A O (E)	0	Flew Away	N	N	[illegible]
8/9	9:01AM	Killdeer	3	SL S (P) D B	I A O (E)	3	Flew Away	N	N	[illegible]
8/9	10:54AM	Killdeer	5	SL S (P) D B	I A O (E)	4	Flew Away	N	N	[illegible]

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
8/9	11:18 AM	MALLARD DUCK	1	SL (S) P D B	(I) A O E	2	FLEW AWAY	N	N	RC
8/9	12:05 PM	MOURNING DOVE	2	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
8/9	1:10 PM	KILLDEER	4	SL S (P) D B	I A O (E)	4	FLEW AWAY	N	N	RC
8/9	3:40 PM	GREAT BLUE HERON	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
8/9	8:43 PM	KILLDEER	4	SL S (P) D B	I A O (E)	3	FLEW AWAY	N	N	WW
8/9	8:50 PM	GREAT BLUE HERON	1	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	WW
8/10	5:50 AM	KILLDEER	3	SL S P (D) B	I A O (E)	0	FLEW AWAY	N	N	[illegible]
8/10	9:26 AM	KILLDEER	3	SL S (P) D B	I A O (E)	3	RAN AWAY	N	N	RC
8/10	9:31 AM	KILLDEER	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
8/10	10:08 AM	KILLDEER	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
8/10	10:55 AM	GREAT BLUE HERON	1	SL (S) P D B	(I) A O E	3	FLEW AWAY	N	N	RC
8/10	3:37 PM	KILLDEER	2	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
8/10	8:29 PM	KILLDEER	4	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	WW
8/11	6:00 AM	GREAT BLUE HERON	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	[illegible]
8/11	1:07 PM	KILLDEER	4	SL S (P) D B	I A O (E)	6	RAN AWAY	N	N	RC
8/11	8:15 PM	KILLDEER	4	SL S (P) D B	I A O (E)	3	FLEW AWAY	N	N	[illegible]
8/12	5:00 AM	KILLDEER	3	SL S P (D) B	I A O (E)	0	FLEW AWAY	N	N	[illegible]
8-12	8:15 AM	GROUND HOG	1	SL (S) P D B	I A O (E)	0	RAN AWAY	N	N	[illegible]
8-12	8:15 AM	KILL DEER	1	SL S P (D) B	I A (O) E	1	FLEW AWAY	N	N	[illegible]
8-12	9:20 AM	RABBIT	1	SL S P D (B)	I A O (E)	0	RAN - HOPPED AWAY	N	N	[illegible]
8-12	10:50 AM	DUCK	1	SL (S) P D B	(I) A O E	1	FLEW AWAY	N	N	[illegible]
8-12	1:00 PM	KILL DEER	2	SL S P D (B)	I A O (E)	1	FLEW AWAY	N	N	[illegible]

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
8/12	8:22 PM	KILLDEER	3	SL S (P) D B	I A O (E)	4	FLEW AWAY	N	N	WW
8/13	9:00 AM	KILL DEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	JT
8/13	9:00 AM	ROBINS	4	SL S P D (B)	I A O (E)	4	FLEW AWAY	N	N	JT
8/13	1:00 PM	KILLDEER	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	JT
8/13	8:05 PM	Kill Deer	1	SL S P (D) B	I (A) O E	2	Flew away	N	N	D.S.
8/14	6:00 AM	Kill deer	3	SL S (P) D B	I (A) O E	1	Flew away	N	N	DC
8/14	9:00 AM	KILL DEER	1	SL S P D (B)	I A O (E)	1	FLEW AWAY	N	N	JT
8/14	2:00 PM	BLUE HERON (GREAT)	1	SL S (P) D B	(I) A O E	1	FLEW AWAY	N	N	JT
8/14	2:45 PM	GROUND HOG	1	SL (S) P D B	I A O (E)	1	RAN AWAY	N	N	JT
8/14	8:30 PM	Black Bird	1	SL S P (D) B	I A (O) E	1	flew away	N	N	D.S.
8/15	5:58 AM	Kill Deer	2	SL (S) P D B	I A O (E)	0	Ran away	N	N	DC
8/15	5:58 AM	Rabbits	2	SL S (P) D B	I A O (E)	0	Ran away	N	N	DC
8/15	9:00 AM	KILL DEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	JT
8/15	1:00 PM	KILL DEER	1	SL S (P) D B	I A O (E)	4	FLEW AWAY	N	N	JT
8/15	4:00 PM	Duck	1	SL (S) P D B	(I) A O E	1	FLEW AWAY	N	N	JT
8/15	8:24 PM	KILLDEER	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	WW
8/16	9:14 AM	KILLDEER	1	SL S (P) D B	I A O (E)	1	RAN AWAY	N	N	RC
8/16	9:50 AM	GROUND HOG	1	SL (S) P D B	I A O (E)	0	RAN IN HOLE	N	N	RC
8/16	1:05 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	N	N	RC
8/16	2:04 PM	KILLDEER	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
8/16	7:15 PM	Great Blue Heron	1	SL S (P) D B	I (A) O E	4	FLEW AWAY	N	N	RC
8/16	8:29 PM	HAWK	1	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	WW

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
8-17	6:00AM	KILLDEER	3	SL S P (D) B	I A O (E)	0	FLEW AWAY	N	N	MJ
8/17	9:15AM	Killdeer	5	SL S (P) D B	I (A) O E	6	Flew Away	N	N	RC
8/17	11:17AM	GREAT blue Heron	2	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC
8/17	1:10PM	Killdeer	1	SL S (P) D B	I A O (E)	3	RAN AWAY	N	N	RC
8/17	3:00PM	GREAT blue Heron	1	SL (S) P D B	I (A) O E	4	FLEW AWAY	N	N	RC
8/17	7:02PM	Great blue Heron	1	SL (S) P D B	I (A) O E	0	FLEW AWAY	N	N	RC
8/17	8:43PM	GREAT BLUE HERON	1	(SL) S P D B	I A (O) E	0	FLEW AWAY	N	N	WW
8-18	6:00AM	GREAT BLUE HERON	1	SL S (P) D B	I A O (E)	0	FLEW AWAY	N	N	MJ
8/18	9:25AM	Killdeer	3	SL S (P) D B	I A O (E)	3	FLEW AWAY	N	N	RC
8/18	2:58PM	GREAT blue Heron	1	SL (S) P D B	I (A) O E	0	FLEW AWAY	N	N	RC
8/18	8:00PM	ROBIN		SL S P (D) B	I A O (E)	1	FLEW AWAY	N	N	WW
8-19	6:00AM	KILLDEER	2	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	MJ
8/19	1:18PM	GROUND HOG	1	SL S (P) D B	I A O (E)	0	RAN IN HOLE	N	N	RC
8/19	4:02PM	Great blue Heron	1	SL (S) P D B	I (A) O E	0	FLEW AWAY	N	N	RC
8/19	8:16PM	GREAT BLUE HERON	1	SL (S) P D B	I A O E	1	FLEW AWAY	N	N	WW
8-20	6:05AM	KILLDEER	3	SL S P (D) B	I A O (E)	0	FLEW AWAY	N	N	MJ
8-20	9:00AM	GREAT BLUE HERON	1	SL S P (D) B	I A O (E)	1	FLEW AWAY	N	N	JT
8/20	8:18PM	KILLDEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	WW
8/21	5:55AM	Killdeer	2	SL (S) P D B	I A O (E)	0	Flew Away	N	N	D.C
8/21	5:55AM	Rabbits	4	SL S (P) D B	I A O (E)	0	Ran Away	N	N	D.C
8-21	10:30AM	Robin	1	SL S P D (B)	I A O (E)	1	FLEW AWAY	N	N	JT
8-21	2:00PM	GREAT BLUE HERON	1	(SL) S P D B	I A (O) (E)	3	FLEW AWAY	N	N	JT

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
8/21	8:35PM	Rabbits	2	SL S (P) D B	I A O (E)	1	Ran Away	N	N	D.S.
8/22	6:05AM	Morning Dove	1	SL (S) P D B	I (A) O E	0	Flew Away	N	N	D.C.
8/22	6:05AM	Rabbits	4	SL S (P) D B	I A O (E)	0	Ran Away	N	N	D.C.
8-22	6:00Pm	Duck	1	SL S (P) D B	I A (O) E	0	FLEW AWAY	N	N	JT
8-22	8:19PM	Rabbit	1	SL S (P) D B	I A O (E)	0	Ran Away	N	N	D.S.
8/23	6:10AM	Rabbits	3	SL S P (D) B	I A O (E)	0	Ran Away	N	N	D.C.
8/23	6:10AM	Killdeer	2	(SL) S P D B	I (A) O E	0	Flew Away	N	N	D.C.
8/23	4:00Am	KILL DEER	2	SL S P D (B)	I A O (E)	3	FLEW AWAY	N	N	JT
8/23	4:00Pm	GREAT BLUE HERON	1	SL (S) (P) D B	I (A) (O) E	7	FLEW AWAY	N	N	JT
8/23	7:20Pm	Robin	1	SL S P D (B)	I A O (E)	1	FLEW AWAY	N	N	JT
8/24	6:25AM	Great Blue Heron	1	(SL) S P D B	I (A) O E	6	Flew Away	N	N	D.C.
8-24	4:15PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) (O) E	6	FLEW AWAY	N	N	JT
8-24	7:20Pm	GROUND HOG	1	SL S P D (B)	I A O (E)	1	RAN AWAY	N	N	JT
8/24	6:21AM	Killdeer	1	SL (S) P D B	I (A) O E	1	Flew Away	N	N	D.C.
8/24	6:21AM	Killdeer	3	SL S (P) D B	I A O (E)	0	Flew Away	N	N	D.C.
8/25	8:00Am	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	N	N	JT
8/25	9:00Am	KILLDEER	1	SL S P (D) B	I (A) O E	3	FLEW AWAY	N	N	JT
8/25	1:00Pm	KILLDEER	1	SL S P D (B)	I A O (E)	2	FLEW AWAY	N	N	JT
8/25	7:00Am	KILLDEER	3	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	JT
8/25	7:00Pm	MOURNING MORNING DOVES	4	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	JT
8/25	8:41PM	GREAT BLUE HERON	1	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	WW
8/26	6:25AM	Rabbits	3	SL S (P) D B	I A O (E)	0	Ran AWAY	N	N	J.P.

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
8/26	8:50 AM	Morning Dove	4	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
8/26	9:29 AM	Mourning Dove	3	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
8/26	11:02 AM	Mourning Dove	2	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
8/26	1:10 PM	Killdeer	1	SL (S) P D B	I A O (E)	3	Flew Away	N	N	RC
8/26	8:35PM	Mourning Dove	3	SL (S) P D B	I A O (E)	0	Flew Away	N	N	WW
8/27	06:24am	Kill Deer	1	SL (S) P D B	I A O (E)	0	Flew Away	N	N	JP
8/27	6:31am	Rabbit	4	SL (S) P D B	I A O (E)	0	Ran Away	N	N	JP
8/27	1:05pm	Killdeer	2	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
8/27	8:25PM	Rabbit	1	SL S P (D) B	I A O (E)	0	Ran Away	N	N	WW
8/28	6:12am	Rabbit	2	SL (S) P D B	I A O (E)	0	Ran Away	N	N	JP
8/28	6:26am	Rabbit	1	SL S P (D) B	I A O (E)	0	Ran Away	N	N	JP
8/28	9:00 Am	Mourning Doves	4	SL (S) P D B	I A O (E)	2	Flew Away	N	N	JT
8/28	6:30 PM	Kill Deer	1	SL (S) P D B	I A O (E)	3	Flew Away	N	N	JT
8/28	6:30 PM	Mourning Doves	5	SL (S) P D B	I A O (E)	1	Flew Away	N	N	JT
8/28	9:01PM	Killdeer	2	SL (S) P D B	I (A) O E	0	Flew Away	N	N	D.C.
8-29	6:00AM	KILLDEER	3	SL S P (D) B	I A O (E)	0	Flew Away	N	N	YMJ
8-29	9:00 Am	Kill Deer	1	SL S (P) D B	I A O (E)	3	No Effect	N	N	JT
8-29	6:15 PM	Kill Deer	2	SL S P (D) B	I (A) O E	3	Flew Away	N	N	JT
8-29	8:15PM	MALLARD	1	SL S P (D) B	I A (O) E	0	Flew Away	N	N	WW
8-30	9:00 Am	Mourning Dove	7	SL S P D (B)	I A O (E)	1	Flew Away	N	N	JT
8-30	12:00 Am	Kill Deer	2	SL S P (D) B	I (A) O E	4	Flew Away	N	N	JT
8-30	7:00 PM	Robin	1	SL S P D (B)	I A O (E)	1	Flew Away	N	N	JT

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
8-31	9:00 AM	Kill Deer	2	SL S P D (B)	I A O (E)	3	Flew Away	N	N	[illegible]
8-31	1:00 PM	~~Got~~ Ground Hog	1	SL S (P) D B	I A O (E)	3	Hide	N	N	[illegible]
8-31	1:00 PM	Ground Hog	1	SL S P D (B)	I A O (E)	1	Ran Away	N	N	[illegible]
8-31	1:00 PM	Mourning Doves	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	[illegible]
~~7-29~~ 8-31	7:00 PM	Kill Deer	1	SL S P D (B)	I A O (E)	2	Flew Away	N	N	[illegible]
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					
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				SL S P D B	I A O E					
				SL S P D B	I A O E					
				SL S P D B	I A O E					

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																Inspector (Initials)
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
8/1	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
8/2	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
8/3	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
8/4	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/5	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/6	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	2:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/7	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/8	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																	
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
8/9	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
8/10	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
8/11	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
8/12	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N° (RAIN)	DT
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N (RAIN)	DT
8/13	9:00 AM	Y	N	Y	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
	1:00 PM	Y	N	Y	N	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
8/14	9:00 AM	Y	N	Y	N	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
	1:00 PM	Y	N	Y	N	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
8/15	9:00 AM	Y	N	Y	N	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
	1:00 PM	Y	N	Y	N	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
8/16	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC

WET CANNONS. MISFIRING

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
8/17	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
8/18	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
8/19	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
8/20	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	2:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/21	10:30 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	2:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/22	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/23	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/24	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
8/25	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/26	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/27	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/28	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/29	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/30	9:00 AM	Y	N	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
8/31	9:00 AM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
8/1	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
8/2	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
8/3	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
8/4	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
8/5	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
8/6	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	2:00 PM	Y	Y	NA	NA	N	Y	N	JT
8/7	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
8/8	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
8/9	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
8/10	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
8/11	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
8/12	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
8/13	9:00 AM	N	N	NA	NA	PRIMARY EAST END OF ROPE omi SECONDARY JUST UNDER ROPE SOUTH END	Y	INLAND WILL BE HERE -8-14-13	JT
	1:00 PM	Y	N	NA	NA	JUST UNDER ROPE SOUTHSIDE	Y	INLAND WILL BE HERE 8.14.13	JT
8/14	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
8/15	9:00 AM	Y	Y	NA	NA	N	Y	N	JT
	1:00 PM	Y	Y	NA	NA	N	Y	N	JT
8/16	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
8/17	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE
8/18	9:00 AM	Y	Y	NA	NA	N	Y	N	RE
	1:00 PM	Y	Y	NA	NA	N	Y	N	RE

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
8/19	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
8/20	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	2:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
8/21	10:30 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	2:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
8/22	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y/N	N	[illegible]
8/23	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
8/24	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
8/25	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
8/26	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
8/27	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
8/28	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	
8/29	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	
8/30	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	
8/31	9:00 Am	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 Pm	Y	Y	NA	NA	N	Y	N	

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

APPENDIX B

Oil Hauling Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: M I D 0 8 7 7 3 8 4 3 1
2. Page 1 of: 1
3. Emergency Response Phone: (734) 586-0900
4. Manifest Tracking Number: 002163821 GBF

GENERATOR

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
3001 MILLER ROAD
DEARBORN, MI 48121 313 594-7375
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THES HORSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: M I R 0 0 0 0 3 6 4 8 3

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
6011 WYOMING AVE
DEARBORN, MI 48126 (313)582-8032
Facility's Phone:
U.S. EPA ID Number: M I D 0 6 4 1 9 1 4 7 1

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL AND WATER	0 0 1	T T	3000	G	021L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
APPROVAL # 7351

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Trinh
Signature: Lan Trinh
Month 8 Day 26 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Jackett
Signature: Perry F. Jackett
Month 8 Day 26 Year 13
Transporter 2 Printed/Typed Name: Perry F. Jackett
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MID087738431
2. Page 1 of 1
3. Emergency Response Phone: (734) 586-0900
4. Manifest Tracking Number: 002163822 GBF

GENERATOR

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
3001 MILLER ROAD
DEARBORN, MI 48121
Generator's Phone: 313 594-7375

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THE3 HOPSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: MIR000036483

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIROSOLID3 LLC
6011 WYOMING AVE
DEARBORN, MI 48126
Facility's Phone: (313)582-8032
U.S. EPA ID Number: MID064191471

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL AND WATER	001	TT	3000	G	D21L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
APPROVAL # 7351

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Trinh
Signature
Month 8 Day 26 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter signature (for exports only):
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Percy F. Tackett
Signature
Month 8 Day 26 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

Severstal
International

MID 087738 431

August 15, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: July 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The July monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. This report contains the July operators' inspection logs. No wildlife was potentially exposed in the month of July.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9319
E: Jim.Earl@severstalna.com
www.severstalna.com

CONTINUING EMERGENCY MEASURES

THE MONTHLY PROGRESS REPORT
FOR
July 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN, LLC

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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Oil Hauling Manifests	Appendix B

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period July 1 through July 31, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place over the north end of the Primary Lagoon and across the East and West Sludge Ponds. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

The summary of daily inspection findings is provided in Appendix A. Copies of the inspection reports are also provided in Appendix A. Daily Inspections show normal activities observed throughout the area.

In the month of July, a snapper turtle and couple of Canadian geese were observed near or using one of the treatment plant impoundments and were scared off with the air horns.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in July. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by vacuum truck.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place. The propane cannons operated properly in July 2013. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence*? In July, there were observations of blue herons, robins, common grackles, mourning doves, killdeer, rabbits, ground hog, and Canadian geese overflight or around the Bermed area. In some cases, the birds or animals flew or walked away on their own, but more often persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix A.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

6,200 gallons of oil-water mixture were hauled off-site in the month of July 2013. Copies of the manifests for the loads are in Appendix B.

APPENDIX A

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD July 1 to July 31, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG

Inspections	Bird Observations	Interest Shown	Adjacent	Flying Over	Elsewhere	Interest Shown Location	Number of Horn Blasts	Exposed?	Carcass?	Result
273	273	2	35	2	234	Secondary Lagoon	377	No	No	Flew or walked away on their own and after horn blasts.

Interest Shown: In or On the Ponds
Adjacent: to within 5 feet of water edge or surface
Elsewhere: On the ground or structure, or in tree >5 from water

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Vegetation (>6 inches high)	Cannon Operating	Scary Balloons (>8 inflated)	Netting Holes or Gaps	Mylar Bibbons Inplaced	Air Dancer Operating?
None	No	Yes	Yes	No	NA	Yes

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil Not Captured (by Skimmers)		If Recoverable Oil Not reach of an operating skimmers	Oil Management		
Primary Lagoon	Secondary Lagoon	Speccific Location & Response Action	Oil equipment off Ground	If Not. Response Action	Comments
No	No	No	Yes	NA	Oil not captured by skimmers is removed frequently by vacuum truck.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7.1	5:55am	Kill Deer	8	SL S (P) D B	I (A) O E	1	Row Away	N	N	D.C.
7/1	9:05 AM	Morning Dove	2	SL S (P) D B	I A O (E)	1	Flew Away	NO	NO	RC
7/1	9:14 AM	Killdeer	3	SL S (P) D B	I A O (E)	2	Flew Away	NO	NO	RC
7/1	9:16 AM	American Robin	2	SL S (P) D B	I A O (E)	3	Flew Away	NO	NO	RC
7/1	11:01 AM	Great blue Heron	1	SL S (P) D B	I (A) O E	1	Flew Away	NO	NO	RC
7/1	12:04 PM	American Robin	1	SL (S) P D B	I A O (E)	1	Flew Away	NO	NO	RC
7/1	1:10 PM	Killdeer	5	SL (S) P D B	I A O (E)	6	Flew Away	NO	NO	RC
7/1	1:13 PM	Killdeer	1	SL S (P) D B	I A O (E)	1	Flew Away	NO	NO	RC
7/1	9:00 Pm	Kill Deer	2	(SL) S P D B	I A O (E)	1	Flew Away	NO	NO	WW
7.2	5:46 AM	Great Blue Heron	1	SL (S) P D B	I (A) O E	0	Flew Away	NO	NO	D.C.
7.2	5:46 AM	Killdeer	3	SL S (P) D B	I (A) O E	2	Row Away	NO	NO	D.C.
7/2	9:10 AM	Killdeer	2	SL S (P) D B	I A O (E)	3	Flew Away	NO	NO	RC
7/2	9:15 AM	Killdeer	1	SL S P (D) B	I A O (E)	1	Flew Away	NO	NO	RC
7/2	10:00 AM	American Robin	2	SL (S) P D B	I A O (E)	1	Flew Away	NO	NO	RC
7/2	1:03 pm	Killdeer	1	SL S (P) D B	I A O (E)	1	Flew Away	NO	NO	RC
7/2	5:03 pm	American Robin	1	SL S (P) D B	I A O (E)	1	Flew Away	NO	NO	RC
7/2	9:23 Pm	Killdeer	2	SL S (P) D B	I A O (E)	1	Flew Away	NO	NO	NW
7.3	5:50AM	Great Blue Heron	1	SL (S) P D B	I (A) O E	1	Flew Away	NO	NO	D.C.
7.3	5:50AM	Kill Deer	5	SL S (P) D B	I A O (E)	0	Row Away	NO	NO	D.C.
7-3	9:30 AM	Kill Deer	1	SL S (P) D B	I A O (E)	1	Flew Away	No	No	[illegible]
7.3	1:00 PM	Kill Deer	3	SL S P D (B)	I A O (E)	2	No Effect	No	No	[illegible]
7-3	9:00pm	Kill Deer	2	SL S (P) D B	I A O (E)	1	Flew Away	NO	NO	CP

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7-4	540AM	KILLDEER	3	SL (S) P (D) B	I A O (E)	0	FLEW AWAY	NO	NO	MJ
7-4	7:45 AM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	NO	NO	DT
7-4	9:00 AM	KILLDEER	2	SL S P D (B)	I A O (E)	3	NO EFFECT	NO	NO	DT
7-4	9:00 AM	MORNING DOVE	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	DT
7-4	9:00 AM	AMERICAN ROBIN	1	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	DT
7-4	2:00 PM	GREEN HERON	1	(SL) S P D B	ON NEST I A O (E)	4	FLEW AWAY	NO	NO	DT
7-4	8:43PM	HERON	1	SL (S) P D B	I A O E	3	FLEW AWAY	N	N	WW
7-5	530AM	GREAT BLUE HERON	1	SL (S) (P) D B	I A O (E)	0	FLEW AWAY	N	N	MJ
7-5	8:00 AM	RABBIT	1	(SL) S P D B	I A O (E)	1	RAN AWAY	NO	NO	DT
7-5	9:00 AM	KILLDEER	1	SL S (P) D B	I A O (E)	1	NO EFFECT	NO	NO	DT
7-5	9:00 AM	AMERICAN ROBIN	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	NO	NO	DT
7-5	9:00 AM	MORNING DOVES	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	DT
7-5	1:00 PM	KILLDEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	DT
7-6	530AM	GREAT BLUE HERON	1	SL (S) (P) D B	I A O (E)	0	FLEW AWAY	NO	NO	MJ
7-6	9:00 AM	AMERICAN ROBIN	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	DT
7-6	9:00 AM	KILLDEER	4	SL (S) (P) D B	I A O (E)	3	NO EFFECT	NO	NO	DT
7-6	9:00 AM	COMMON GRACKLE	2	SL S P (D) B	I A O (E)	2	FLEW AWAY	NO	NO	DT
7-6	1:30 PM	AMERICAN ROBIN	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	DT
7-6	8:30P.M	NONE / HEAVY RAIN	0	SL S P D B	I A O E	0		NO	NO	D.C.
7-7	530AM	GREAT BLUE HERON	[illegible]	SL S (P) D B	I A O (E)	0	FLEW AWAY	NO	NO	MJ
7/7	8:08 AM	MORNING DOVE	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
7/7	8:10 AM	KILLDEER	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7/7	9:01 AM	American Robin	1	SL S (P) D B	I A O (E)	1	Flew Away	No	No	RC
7/7	9:12 AM	American Robin	1	SL S (P) D B	I A O (E)	2	Flew Away	No	No	RC
7/7	9:15 AM	Killdeer	2	SL S (P) D B	I A O (E)	1	Flew Away	No	No	RC
7/7	10:02 AM	American Robin	1	SL (S) P D B	I A O (E)	2	Flew Away	No	No	RC
7/7	12:00 PM	American Robin	1	SL (S) P D B	I A O (E)	3	Flew Away	No	No	RC
7/7	12:05 PM	Morning Dove	1	SL S (P) D B	I A O (E)	1	Flew Away	No	No	RC
7/7	12:05 PM	Killdeer	3	SL S (P) D B	I A O (E)	4	Flew Away	No	No	RC
7/7	1:08 PM	Killdeer	4	SL S (P) D B	I A O (E)	7	Flew Away	No	No	RC
7/7	1:13 PM	American Robin	1	SL S (P) D B	I A O (E)	1	Flew Away	No	No	RC
7/7	1:15 PM	Killdeer	1	SL (S) P D B	I A O (E)	1	Flew Away	No	No	RC
7/7	6:03 PM	Killdeer	5	SL S (P) D B	I A O (E)	10	Flew Away	No	No	RC
7/7	9:00 pm	Killdeer	1	SL (S) P D B	I (A) O E	2	Flew Away	No	No	L.P.
7/7	9:00 pm	American Robin	2	SL (S) P D B	I A O (E)	1	Flew Away	No	No	L.P.
7-8	5:42 AM	Great Blue Heron	1	SL (S) P D B	I (A) O E	0	Flew Away	No	No	D.C.
7-8	5:42 AM	Killdeer	2	SL S (P) D B	I (A) O E	2	Ran Away	No	No	D.C.
7-8	5:42 AM	Rabbit	2	SL (S) P D B	I A O (E)	2	Ran Away	No	No	D.C.
7/8	8:08 AM	Morning Dove	1	SL (S) P D B	I (A) O E	0	Flew Away	No	No	RC
7/8	9:01 AM	American Robin	3	SL (S) P D B	I A O (E)	2	Flew Away	No	No	RC
7/8	9:04 AM	Morning Dove	2	SL (S) P D B	I A O (E)	0	Flew Away	No	No	RC
7/8	9:10 AM	Killdeer	3	SL S (P) D B	I A O (E)	4	Flew Away	No	No	RC
7/8	9:11 AM	American Robin	2	SL S (P) D B	I A O (E)	2	Flew Away	No	No	RC
7/8	1:00 PM	Killdeer	3	SL (S) P D B	I A O (E)	4	Flew Away	No	No	RC

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7/8	1:12 PM	Morning Dove	1	SL S P (D) B	I A O (E)	1	Flew Away	NO	NO	RC
7/8	2:05 PM	Ground Hog	1	SL (S) P D B	I A O (E)	0	Ran In Hole	NO	NO	RC
7/8	2:07 PM	Killdeer	2	SL S P (D) B	I A O (E)	2	Flew Away	NO	NO	RC
7/8	3:00 PM	Killdeer	2	SL S (P) D B	I A O (E)	2	Flew Away	NO	NO	RC
7/8	6:30 PM	Killdeer	3	SL S (P) D B	I A O (E)	2	Flew Away	NO	NO	RC
7/8	6:33 PM	Mourning Dove	6	SL S (P) D B	I (A) O E	3	Flew Away	NO	NO	RC
7/8	9:05 pm	Morning Doves	2	(SL) S P D B	I (A) O E	2	Flew Away	NO	NO	L.P.
7-9	5:55 AM	Killdeer	4	SL (S) P D B	I (A) O E	0	Flew Away	NO	NO	D.C.
7-9	5:55 AM	Killdeer	2	(SL) S P D B	I A O (E)	0	Ran Away	NO	NO	D.C.
7-9	5:55 AM	Great Blue Heron	1	SL S (P) D B	I (A) O E	1	Flew Away	NO	NO	D.C.
7/9	8:02 AM	American Robin	4	SL S (P) D B	I A O (E)	3	Flew Away	NO	NO	RC
7/9	8:05 AM	Killdeer	2	SL (S) P D B	I A O (E)	1	Flew Away	NO	NO	RC
7/9	9:05 AM	Killdeer	5	SL S (P) D B	I A O (E)	3	Flew Away	NO	NO	RC
7/9	9:12 AM	American Robin	2	SL (S) P D B	I A O (E)	1	Flew Away	NO	NO	RC
7/9	9:12 AM	Mourning Dove	2	SL S (P) D B	I A O (E)	2	Flew Away	NO	NO	RC
7/9	11:55 AM	Killdeer	1	SL S (P) D B	I A O (E)	3	Flew Away	NO	NO	RC
7/9	1:07 PM	Killdeer	2	SL (S) P D B	I A O (E)	2	Flew Away	NO	NO	RC
7/9	1:08 PM	American Robin	1	SL S (P) D B	I A O (E)	1	Flew Away	NO	NO	RC
7/9	3:05 PM	Killdeer	2	SL S (P) D B	I A O (E)	1	Flew Away	NO	NO	RC
7/9	4:08 PM	Killdeer	4	SL S (P) D B	I A O (E)	4	Flew Away	NO	NO	RC
7/9	4:08 PM	American Robin	2	SL S (P) D B	I A O (E)	2	Flew Away	NO	NO	RC
7/9	7:11 PM	Morning Dove	2	SL (S) P D B	I A O (E)	1	Flew Away	NO	NO	RC

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7/9	8:46PM	AMERICAN ROBIN	1	SL S P (D) B	I A O (E)	Ø	FLEW AWAY	NO	NO	WW
7-10	550AM	KILLDEER	3	SL (S) P (D) B	I A O (E)	0	FLEW AWAY	NO	NO	MZ
7/10	8:07AM	MOURNING DOVE	3	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
7/10	8:16AM	AMERICAN ROBIN	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
7/10	9:06AM	AMERICAN ROBIN	3	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
7/10	9:08AM	KILLDEER	2	SL S (P) D B	I A O (E)	3	FLEW AWAY	NO	NO	RC
7/10	9:13AM	COMMON GRACKLE	5	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
7/10	9:57AM	KILLDEER	2	SL S (P) D B	I A O (E)	3	FLEW AWAY	NO	NO	RC
7/10	9:57AM	AMERICAN ROBIN	3	SL S (P) D B	I A O (E)	0	FLEW AWAY	NO	NO	RC
7/10	1:10PM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
7/10	9:20PM	AMERICAN ROBIN	3	SL S P (D) B	I A O (E)	0	FLEW AWAY	NO	NO	WW
7-11	550AM	AMERICAN ROBIN	2	SL S P (D) B	I A O (E)	0	FLEW AWAY	NO	NO	MZ
7-11	9:00AM	KILLER	3	SL S P (D) B	I A O (E)	2	NO EFFECT	NO	NO	JT
7-11	9:00AM	AMERICAN ROBIN	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	JT
7-11	1:00PM	KILLDEER	3	SL (S) P D B	I A O (E)	2	NO EFFECT	NO	NO	JT
7-11	9:07PM	AMERICAN ROBIN	1	SL S (P) D B	I A O (E)	0	FLEW AWAY	N	N	WW
7-12	550AM	KILLDEER, MOURNING DOVE	2	SL (S) (P) D B	I A O (E)	0	FLEW AWAY	N	N	MZ
7-12	8:59PM	AMERICAN ROBIN	6	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	WW
7-13	550AM	KILLDEER	4	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	MZ
7-13	9:00AM	TURTLE - SNAPPER	1	SL (S) P D B	(I) A O E	0	RAN INTO LAGOON	N	N	JT
7-13	9:11PM	AMERICAN ROBIN	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	WW
7-14	550AM	KILLDEER	4	SL (S) P (D) B	I A O (E)	0	FLEW AWAY	N	N	MZ

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7/14	9:09PM	MOURNING DOVE	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	WW
7/15	5:45AM	GREAT BLUE HERON	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	[illegible]
7/15	8:05AM	KILLDEER	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/15	8:16AM	AMERICAN ROBIN	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/15	8:16AM	MOURNING DOVE	3	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
7/15	9:05AM	AMERICAN ROBIN	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/15	9:10AM	MOURNING DOVE	5	SL (S) P D B	I A (O) E	0	FLEW AWAY	N	N	RC
7/15	9:15AM	KILLDEER	3	SL S (P) D B	I A O (E)	3	FLEW AWAY	N	N	RC
7/15	10:03AM	AMERICAN ROBIN	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/15	11:03AM	MOURNING DOVE	3	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/15	12:00PM	AMERICAN DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/15	1:03PM	MOURNING DOVE	4	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/15	1:10PM	KILLDEER	3	SL S (P) D B	I A O (E)	4	FLEW AWAY	N	N	RC
7/15	2:57PM	KILLDEER	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/15	8:42PM	AMERICAN ROBIN	3	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	WW
7/16	5:45AM	KILLDEER	2	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	[illegible]
7/16	8:07AM	MOURNING DOVE	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/16	9:01AM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/16	9:09AM	AMERICAN ROBIN	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/16	10:10AM	MOURNING DOVE	5	SL S (P) D B	I A O (E)	6	FLEW AWAY	N	N	RC
7/16	11:55AM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/16	5:18AM	COMMON GRACKLE	5	SL S (P) D B	I A O (E)	0	FLEW AWAY	N	N	RC

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7/16	5:18 PM	Killdeer	2	SL S (P) D B	I A O (E)	3	Flew Away	N	N	RC
7/16	5:18 PM	American Robin	4	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
7/16	9:19 PM	Great Blue Heron	1	SL (S) P D B	I A O (E)	0	Flew Away	N	N	WW
7-17	5:52 AM	Great Blue Heron	1	SL (S) P D B	I (A) O E	3	Flew Away	N	N	D.C.
7/17	8:28 AM	Killdeer	1	SL (S) P D B	I (A) O E	1	Flew Away	N	N	RC
7/17	8:29 AM	Mourning Dove	2	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
7/17	9:55 AM	Killdeer	2	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
7/17	10:35 AM	American Robin	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
7/17	11:00 AM	Killdeer	2	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
7/17	3:14 AM	Killdeer	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
7/17	5:52 AM	Killdeer	1	SL S (P) D B	I (A) O E	1	Flew Away	N	N	RC
7/17	8:50 AM	American Robin	2	SL (S) P D B	I (A) O E	1	Flew Away	N	N	L.P.
7/18	5:58 AM	Great blue Heron	1	SL (S) P D B	I (A) O E	0	Flew Away	N	N	D.C.
7/18	5:58 AM	American Robin	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	D.C.
7/18	7:55 AM	Mourning Dove	7	SL S (P) D B	I A O (E)	3	Flew Away	N	N	RC
7/18	7:58 AM	Common Grackle	5	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
7/18	8:01 AM	Killdeer	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
7/18	9:09 AM	American Robin	1	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
7/18	10:04 AM	Mourning Dove	5	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
7/18	11:52 AM	Common Grackle	3	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
7/18	11:57 AM	Killdeer	1	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
7/18	3:02 PM	Killdeer	1	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7/18	9:08pm	AMERICAN ROBIN	5	(SL) S P D B	I A O (E)	0	FLEW AWAY	N	N	WW
7/18	9:10pm	KILLDEER	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	WW
7-19	5:45AM	GREAT BLUE HERON	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	MA
7-19	8:51PM	AMERICAN ROBIN	4	SL S P D (B)	I A O (E)	0	FLEW AWAY	N	N	WW
7-20	5:30AM	KILLDEER	3	SL S P (D) B	I A O (E)	0	FLEW AWAY	N	N	MA
7-20	8:47PM	MOURNING DOVE	3	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	WW
7-20	8:52PM	AMERICAN ROBIN	4	SL S P (D) B	I A O (E)	1	FLEW AWAY	N	N	WW
7-21	5:45AM	KILLDEER	3	SL S P (D) B	I A O (E)	0	FLEW AWAY	N	N	MA
7-21	9:11PM	KILLDEER	2	(SL) S P D B	I A O (E)	1	FLEW AWAY	N	N	WW
7-22	5:40AM	KILLDEER	4	SL S P (D) B	I A O (E)	0	FLEW AWAY	N	N	MA
7-22	9:20PM	KILLDEER	1	(SL) S P D B	I A O (E)	0	FLEW AWAY	N	N	WW
7-23	5:40AM	AMERICAN ROBIN	4	SL S P (D) B	I A O (E)	0	FLEW AWAY	N	N	MA
7/23	8:00 AM	MOURNING DOVE	5	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/23	8:08 AM	REDWINGED BLACKBIRD	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/23	8:09 AM	COMMON GRACKLE	3	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/23	8:11 AM	KILLDEER	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/23	8:30 AM	MOURNING DOVE	3	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/23	9:18 AM	COMMON GRACKLE	6	SL S P (D) B	I A O (E)	4	FLEW AWAY	N	N	RC
7/23	9:17 AM	AMERICAN ROBIN	5	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/23	9:19 AM	KILLDEER	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/23	11:58 AM	MOURNING DOVE	7	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
7/23	2:28 pm	KILLDEER	5	SL S (P) D B	I A O (E)	4	FLEW AWAY	N	N	RC

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7/23	8:43PM	KILLDEER	1	(SL) S P D B	I A O (E)	0	FLEW AWAY	N	N	WW
7-24	5:40AM	KILLDEER	3	SL S P (D) B	I A O (E)	0	FLEW AWAY	N	N	[illegible]
7/24	8:04AM	Morning Dove	5	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
7/24	8:04AM	Ground Hog	1	SL (S) P D B	I (A) O E	1	RAN IN HOLE	N	N	RC
7/24	9:05AM	COMMON GRACKLE	3	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/24	9:05AM	MOURNING DOVE	2	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	RC
7/24	9:12AM	KILLDEER	4	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/24	9:14AM	AMERICAN ROBIN	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/24	1:10PM	KILLDEER	3	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/24	1:16PM	KILLDEER	1	(SL) S P D B	I (A) O E	1	FLEW AWAY	N	N	RC
7/24	6:09PM	MOURNING DOVE	5	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/24	9:05pm	Mourning Dove	2	SL S (P) D B	I (A) O E	1	Flew Away	N	N	LP
7-25	5:55AM	Killdeer	3	SL S (P) D B	I A O (E)	0	Ran Away	N	N	D.C.
7/25	9:02AM	COMMON GRACKLE	3	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/25	9:02AM	AMERICAN ROBIN	2	SL S (P) D B	I A O (E)	0	FLEW AWAY	N	N	RC
7/25	9:06AM	KILLDEER	3	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/25	9:11AM	AMERICAN ROBIN	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/25	10:55AM	MOURNING DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/25	1:18PM	KILLDEER	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/25	1:11PM	AMERICAN ROBIN	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/25	3:54AM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	0	FLEW AWAY	N	N	RC
7/25	4:55AM	KILLDEER	3	SL (S) P D B	I A O (E)	7	NOTHING	N	N	RC

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7/25	8:50pm	Canadian Geese	5	SL (S) P D B	(I) A O E	6	Flew Away	N	N	L.P.
7/26	5:55AM	Killdeer	2	SL S P (D) B	I (A) O E	0	Ran Away	N	N	D.C.
7/26	7:53AM	Mourning Dove	5	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/26	8:06AM	Killdeer	3	SL S (P) D B	I A O (E)	4	FLEW AWAY	N	N	RC
7/26	9:08AM	Mourning Dove	6	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	RC
7/26	9:09AM	American Robin	3	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/26	9:18AM	Common Grackle	4	SL S (P) D B	I A O (E)	3	FLEW AWAY	N	N	RC
7/26	11:08AM	Mourning Dove	3	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/26	1:07PM	Killdeer	4	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/26	1:09PM	American Robin	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/26	2:00PM	Killdeer	3	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	RC
7/26	8:39PM	Killdeer	1	(SL) S P D B	I A O (E)	0	FLEW AWAY	N	N	WW
7/27	5:55AM	Killdeer	4	SL (S) P D B	I (A) O E	0	Flew Away	N	N	D.C.
7/27	7:45AM	Great blue Heron	1	SL (S) P D B	I (A) O E	0	FLEW AWAY	N	N	RC
7/27	9:05AM	Mourning Dove	8	SL (S) P D B	I A O (E)	3	FLEW AWAY	N	N	RC
7/27	9:10AM	Killdeer	4	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/27	9:10AM	American Robin	3	SL S (P) D B	I A O (E)	0	FLEW AWAY	N	N	RC
7/27	9:15AM	Mourning Dove	5	SL (S) P D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/27	9:16AM	Mourning Dove	3	(SL) S P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/27	11:19AM	Killdeer	3	SL (S) P D B	I (A) O E	2	FLEW AWAY	N	N	RC
7/27	11:19AM	Mourning Dove	4	SL (S) P D B	I (A) O E	0	FLEW AWAY	N	N	RC
7/27	11:24AM	Killdeer	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7/27	11:24 AM	common GRACKLE	4	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/27	1:13 PM	KILLDEER	5	SL S P D B	I A O (E)	3	FLEW AWAY	N	N	RC
7/27	1:16 PM	AMERICAN Robin	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/27	8:50 PM	AMERICAN ROBIN	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	WW
7/27	8:52 PM	KILL DEER	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	WW
7/27	8:55 PM	MOURNING DOVE	3	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	WW
7/28	5:56 AM	Killdeer	3	SL S (P) D B	I (A) O E	0	Ran Away	N	N	DC
7/28	5:56 AM	Killdeer	2	SL (S) P D B	I A O (E)	1	Flew Away	N	N	D.C.
7/28	7:42 AM	Mourning DOVE	6	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
7/28	8:10 AM	MOURNING DOVE	9	SL (S) P D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/28	8:14 AM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/28	9:05 AM	KILLDEER	5	SL S (P) D B	I A O (E)	3	FLEW AWAY	N	N	RC
7/28	1:06 PM	KILLDEER	6	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/28	1:09 PM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	N	N	RC
7/28	4:54 PM	GREAT blue Heron	1	SL (S) P D B	I (A) O E	0	FLEW AWAY	N	N	RC
7/28	7:00 PM	AMERICAN Robin	4	SL S (P) D B	I A O (E)	3	FLEW AWAY	N	N	RC
7/28	9:06 PM	KILL DEER		SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	WW
7/29	5:58 AM	Robin	1	SL (S) P D B	I (A) O E	0	Flew Away	N	N	D.C.
7/29	5:58 AM	Rabbit	2	SL S (P) D B	I A O (E)	0	Hopped Away	N	N	D.C.
7/29	7:45 AM	AMERICAN Robin	2	SL (S) P D B	I A O (E)	0	FLEW AWAY	N	N	RC
7/29	8:02 AM	COMMON GRACKLE	5	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC
7/29	8:05 AM	KILLDEER	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	N	N	RC

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7/29	8:56 AM	American Robin	2	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
7/29	9:03 AM	Killdeer	6	SL S (P) D B	I A O (E)	4	Flew Away	N	N	RC
7/29	9:10 AM	American Robin	2	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
7/29	10:08 AM	Common Grackle	4	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
7/29	10:15 AM	Killdeer	1	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
7/29	11:00 AM	Killdeer	5	SL S (P) D B	I (A) O E	1	Flew Away	N	N	RC
7/29	11:47 AM	Common Grackle	3	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
7/29	1:19 PM	Killdeer	4	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
7/29	1:23 PM	American Robin	2	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
7/29	8:58 PM	American Robin	6	SL S (P) D B	I A O (E)	3	Flew Away	N	N	WW
7/30	5:58	Killdeer	2	SL (S) P D B	I A O (E)	1	Flew Away	N	N	D.C.
7/30	7:59 AM	Ground Hog	2	SL (S) P D B	I A O (E)	1	Ran in Hole	N	N	RC
7/30	8:01 AM	Mourning Dove	5	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
7/30	8:06 AM	Killdeer	3	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
7/30	9:35 AM	Killdeer	4	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
7/30	9:37 AM	Mourning Dove	3	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
7/30	10:05 AM	American Robin	1	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC
7/30	12:03 PM	Great blue Heron	1	SL S (P) D B	I (A) O E	0	Flew Away	N	N	RC
7/30	2:03 PM	Killdeer	1	SL (S) P D B	I A O (E)	1	Flew Away	N	N	RC
7/30	6:00 PM	Mourning Dove	6	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
7/30	8:59 PM	American Robin	5	SL S (P) D B	I A O (E)	3	Flew Away	N	N	WW
7/31	8:11 AM	American Robin	1	SL S (P) D B	I A O (E)	1	Flew Away	N	N	RC

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
7/31	8:15 AM	American Robin	4	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
7/31	9:21 AM	American Robin	2	SL S (P) D B	I A O (E)	0	Flew Away	N	N	RC
7/31	1:19 PM	Killdeer	3	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
7/31	1:16 PM	American Robin	1	SL (S) P D B	I A O (E)	2	Flew Away	N	N	RC
7/31	2:12 PM	Killdeer	2	SL S (P) D B	I A O (E)	2	Flew Away	N	N	RC
7/31	4:56 AM	Morning Dove	1	SL (S) P D B	I A O (E)	0	Flew Away	N	N	RC
7/31	5:00 PM	Killdeer	2	SL S (P) D B	I (A) O E	3	Flew Away	N	N	RC
7-31	8:00 PM	American Robin	2	SL S P (D) B	I A O (E)	1	Flew Away	N	N	WW
7-31	6:06 PM	Kill Deer	3	SL (S) P D B	I A O (E)	3	Flew Away	N	N	WW
8-1	5:50 AM	Kill Deer	4	SL S P (D) B	I A O (E)	0	Flew Away	N	N	WW
8-1	8:10 PM	Kill Deer	1	SL (S) P D B	I A O (E)	3	Flew Away	N	N	WW
8-2	5:45 AM	Kill Deer	3	SL S P (D) B	I A O (E)	0	Flew Away	N	N	WW
~~8/2~~	~~3:05 AM~~	~~American Robin~~	~~1~~	~~SL S (P) D B~~	~~I A O (E)~~	~~0~~	~~Flew Away~~	~~N~~	~~N~~	~~RC~~
~~8/2~~	~~9:04 AM~~	~~American Robin~~	~~3~~	~~SL S (P) D B~~	~~I A O (E)~~	~~2~~	~~Flew Away~~	~~N~~	~~N~~	~~RC~~
~~8/2~~	~~11:15 AM~~	~~Killdeer~~	~~5~~	~~SL S (P) D B~~	~~I A O (E)~~	~~1~~	~~Flew Away~~	~~N~~	~~N~~	~~RC~~
~~8/2~~	~~3:20 PM~~	~~American Robin~~	~~1~~	~~SL (S) P D B~~	~~I A O (E)~~	~~0~~	~~Flew Away~~	~~N~~	~~N~~	~~RC~~
~~8/2~~	~~4:02 PM~~	~~American Robin~~	~~1~~	~~SL (S) P D B~~	~~I A O (E)~~	~~1~~	~~Flew Away~~	~~N~~	~~N~~	~~RC~~
8/2	8:35 pm	Kill Deer	2	SL S (P) D B	I (A) O E	1	Flew Away	N	N	LP
8/3	5:58 AM	Kill Deer	2	SL (S) P D B	I (A) O E	0	Flew Away	N	N	D.C.
8/3	5:58 AM	Rabbit	1	SL S (P) D B	I A O (E)	0	Hopped Away	N	N	D.C.
8/4	5:55 AM	Rabbit	1	SL S (P) D B	I A O (E)	0	Ran Away	N	N	DC
~~X~~				~~SL S P D B~~	~~I A O E~~					

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[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																	
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
7/1	5:55 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/1	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	9:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N (RAIN)	WW
7-2	5:46 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/2	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	9:23 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
7-3	5:50 A.M.	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:30 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
7/3	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
7-4	5:40 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:10 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
7/4	2:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	8:43 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N (RAIN)	WW

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																	
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
7-5	5:30AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	MA
	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	[illegible]
7/5	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:15 pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
7-6	5:30AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MA
	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
7/6	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	8:30P.M	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	D.C. Heavy Rain.
7-7	5:30AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	MA
	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	NA	NA	NA	NA	NA	NA	NA	N	RC
7/7	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	9:15pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
7-8	5:45AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/8	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	9:05PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
7-9	5:55AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/9	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	8:46 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N (RAIN)	WG
7-10	5:50AM	Y		Y		N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	MZ
	9:00AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/10	1:00PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	9:20pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N (RAIN)	WG
7-11	5:50AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MZ
	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
7-11 / 7-12	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	JT
7-12	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	JT
7-13	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	JT
7-13	~~5:50AM~~ 1:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
7-13	7:00 PM	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
7/14	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
7/15	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/16	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/17	5:52 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
7/17	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/18	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/19	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
7/20	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DT

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
7/21	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
7/22	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
7/23	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/24	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/25	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/26	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/27	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/28	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
7/29	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/30	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
7/31	9:00 AM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC
	1:00 PM	Y	NA	Y	NA	Y	Y	Y	Y	Y	Y	Y	NA	NA	NA	NA	Y	RC

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NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
7-1	5:55	Y	Y	Y	Y	N	~~N~~ Y	NA	D.C.
	9:00 AM	Y	Y	Y	Y	N	~~N~~ Y	NA	[illegible]
7/1	1:00 PM	Y	Y	Y	Y	N	~~N~~ Y	NA	[illegible]
	9:00 PM	Y	Y	Y	Y	N	~~N~~ Y	NA	[illegible]
7-2	5:46AM	Y	Y	Y	Y	N	~~N~~ Y	NA	D.C.
	9:00 AM	Y	Y	Y	Y	N	~~N~~ Y	NA	[illegible]
7/2	1:00 PM	Y	Y	Y	Y	N	~~N~~ Y	NA	[illegible]
	9:23 PM	Y	Y	Y	Y	N	~~N~~ Y	NA	[illegible]
7-3	5:50AM	Y	Y	Y	Y	N	~~N~~ Y	NA	D.C.
	9:30 AM	Y	Y	~~Y~~ NA	~~Y~~ NA	N	~~N~~ Y	NA	[illegible]
7/3	1:00 PM	Y	Y	~~Y~~ NA	~~Y~~ NA	N	~~N~~ Y	NA	[illegible]
	9:00 PM	Y	Y	Y	Y	N	~~N~~ Y	NA	LP
7-4	5:40AM	Y	Y	Y	Y	N	~~N~~ Y	NA	[illegible]
	9:00 AM	Y	Y	NA ~~Y~~	NA ~~Y~~	N	~~N~~ Y	NA	[illegible]
7/4	2:00 PM	Y	Y	Y	Y	~~Y~~ N	~~N~~ Y	NA	[illegible]
	8:43 PM	Y	Y	Y	Y	N	~~N~~ Y	NA	[illegible]
7-5	5:50AM	Y	Y	Y	Y	N	~~N~~ Y	NA	[illegible]
	9:00 AM	Y	Y	~~Y~~ NA	~~Y~~ NA	N	~~N~~ Y	NA	[illegible]

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
7/5	1:00 PM	Y	Y	~~Y~~ NA	NA ~~Y~~	N	Y ~~N~~	N	[illegible]
	9:15 PM	Y	Y	Y	Y	N	Y ~~N~~	N	LP
7/6	5:58 AM	Y	Y	Y	Y	N	Y ~~N~~	N	MW
	9:00 AM	Y	Y	~~Y~~ NA	~~Y~~ NA	N	Y ~~N~~	N	[illegible]
7/6	1:00 PM	Y	Y	~~Y~~ NA	~~Y~~ NA	N	Y ~~N~~	N	[illegible]
	8:30 P.M.	Y	Y	Y	Y	N	Y ~~N~~	N	D.C.
7-7	5:50 AM	Y	Y	Y	Y	N	Y ~~N~~	N	MW
	9:00 AM	Y	Y	NA	NA	N	Y ~~N~~	N	RC
7/7	1:00 PM	Y	Y	NA	NA	N	Y ~~N~~	N	RC
	9:15 PM	Y	Y	Y	Y	N	Y ~~N~~	N	LP
7-8	5:42 AM	Y	Y	Y	Y	N	Y ~~N~~	N	D.C.
	9:00 AM	Y	Y	NA	NA	N	N	N	RC
7/8	1:00 PM	Y	Y	NA	NA	N	N	N	RC
	9:05 PM	Y	Y	Y	Y	N	Y ~~N~~	N	LP
7-9	5:55 AM	Y	Y	Y	Y	N	Y ~~N~~	N	D.C.
	9:00 AM	Y	Y	NA	NA	N	Y ~~N~~	N	RC
7/9	1:00 PM	Y	Y	NA	NA	N	Y ~~N~~	N	RC
	8:46 PM	Y	Y	Y	Y	N	Y ~~N~~	N	WW

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
7-10	550AM	Y	Y	Y	Y	N	~~N~~ Y	N	MY
	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
7/10	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
	4:20 PM	Y	Y	Y	Y	N	Y	N	WG
7-11	550AM	Y	Y	Y	Y	N	~~N~~ Y	N	YMY
	9:00 AM	Y	Y	Y	Y	N	N	N	GT
7-11	1:00 PM	Y	Y	Y	Y	N	N	N	GT
7-12	9:00 AM	Y	Y	NA	NA	N	Y	N	GT
7-12	1:00 PM	Y	Y	NA	NA	N	Y	N	GT
7-13	9:00 AM	Y	Y	NA	NA	N	Y	N	GT
7-13	1:00 PM	Y	Y	NA	NA	N	Y	N	GT
7-13	7:00 PM	Y	Y	NA	NA	N	Y	N	GT
7/14	9:00 AM	Y	Y	NA	NA	N	Y	N	GT
	1:00 PM	Y	Y	NA	NA	N	Y	N	GT
7/15	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
7/16	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken[2] (Otherwise enter "N")			
7-17	5:52AM	Y	Y	Y	Y	N	~~N~~ Y	N	D.C.
7/17	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
7/18	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
7/19	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
7/20	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
7/21	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
7/22	9:00 AM	Y	Y	NA	NA	N	Y	N	[illegible]
	1:00 PM	Y	Y	NA	NA	N	Y	N	[illegible]
7/23	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC
7/24	9:00 AM	Y	Y	NA	NA	N	Y	N	RC
	1:00 PM	Y	Y	NA	NA	N	Y	N	RC

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
7/25	9:00 AM	Y	Y	NA	NA	N	Y	N	JE
	1:00 PM	Y	Y	NA	NA	N	Y	N	JE
7/26	9:00 AM	Y	Y	NA	NA	N	Y	N	JE
	1:00 PM	Y	Y	NA	NA	N	Y	N	JE
7/27	9:00 AM	Y	Y	NA	NA	N	Y	N	JE
	1:00 PM	Y	Y	NA	NA	N	Y	N	JE
7/28	9:00 AM	Y	Y	NA	NA	N	Y	N	JE
	1:00 AM	Y	Y	NA	NA	N	Y	N	JE
7/29	9:00 AM	Y	Y	NA	NA	N	Y	N	JE
	1:00 PM	Y	Y	NA	NA	N	Y	N	JE
7/30	9:00 AM	Y	Y	NA	NA	N	Y	N	JE
	1:00 PM	Y	Y	NA	NA	N	Y	N	JE
7/31	9:00 AM	Y	Y	NA	NA	N	Y	N	JE
	1:00 PM	Y	Y	NA	NA	N	Y	N	JE

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

APPENDIX B

Oil Hauling Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MID077736431
2. Page 1 of: 1
3. Emergency Response Phone: (734) 588-0900
4. Manifest Tracking Number: 002163824 GBF

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
3001 MILLER ROAD
DEARBORN, MI 48121 313 594-7375

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: THES HOPSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: MIR000036483

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
6011 WYOMING AVE
DEARBORN, MI 48126 (313)582-8032
U.S. EPA ID Number: MID064191471

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL AND WATER	001	TT	3100	G	D21L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
APPROVAL # 7351

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Trinh
Signature: Lan Trinh
Month 7 Day 22 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Perry F. TAckett
Signature: Perry F. Tackett
Month 7 Day 22 Year 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: M I D 0 8 7 7 3 8 4 9 1
2. Page 1 of: 1
3. Emergency Response Phone: (734) 586-0900
4. Manifest Tracking Number: 002163823 GBF

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
9001 MILLER ROAD
DEARBORN, MI 48121 313 594-7375
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THES HOPSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: M I R 0 0 0 0 2 6 4 8 3

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
6011 WYOMING AVE
DEARBORN, MI 48126 (313)582-8032
Facility's Phone:
U.S. EPA ID Number: M I D 0 6 4 1 9 1 4 7 1

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL AND WATER	0 0 1	T T	3100	G	021L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
APPROVAL # 7351

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Trinh
Signature: [signature]
Month 7 Day 22 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Tackett
Signature: [signature]
Month 7 Day 22 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

MID 087 738431

Severstal
International

July 15, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: June 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The June monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. This report contains the June wildlife survey report by MEC Environmental Consulting, and the operators' inspection logs. No wildlife was potentially exposed in the month of June.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

Lan Trinh for

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9319
E: Jim.Earl@severstalna.com
www.severstalna.com

CONTINUING EMERGENCY MEASURES

THE MONTHLY PROGRESS REPORT
FOR
June 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN, LLC

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period June 1 through June 30, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place over the north end of the Primary Lagoon and across the East and West Sludge Ponds. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

A Wildlife Survey was conducted on June 24, 2013 and a copy of the report is provided in Appendix A. Inspection reports show seasonal activities observed in the general area, and no significant issues at the site were identified.

In the month of June, red winged black bird, blue herons, robins, king fisher, and kill deer were observed at near or using one of the treatment plant impoundments and were scared off with the air horns. The birds flew or ran away after horn blasts, so persistent hazing with the air horn was necessary.

On the June 13, 18, and 27, the cannons were not fired in the morning before sunrise inspections (5:40 Am, 5: 45 Am, and 5:45 Am respectively). Except for those mornings, propane cannons operated properly in June 2013. The cannons were repaired right after inspections.

The summary of daily inspection findings is provided in Appendix B. Copies of the inspection reports are also provided in Appendix B. Daily Inspections show normal activities observed throughout the area.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in June. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by vacuum truck.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place. On the June 13, 18, and 27, the cannons were not fired in the morning before sunrise inspections (5:40 Am, 5: 45 Am, and 5:45 Am respectively). Except for those mornings, propane cannons operated properly in June 2013. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence?* In June, there were observations of red winged black birds, blue herons, robins, gold finch, common grackles, mourning doves, kill deer, sparrows, and ducks overflight or around the Bermed area. As reported, the birds flew away on its own or after horn blasts, so persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix B.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

6,000 gallons of oil-water mixture were hauled off-site in the month of June 2013. Copies of the manifests for the loads are in Appendix C.

APPENDIX A

Wildlife Survey

MEC ENVIRONMENTAL CONSULTING

VIA FEDERAL EXPRESS

July 11, 2013

Mr. James E. Earl
Severstal Dearborn, LLC.
14661 Rotunda Drive
Post Office Box 1699
Dearborn, MI 48120-1699

Subject: Schaefer Road Wastewater Treatment Plant: 2013 Wildlife Survey #4 (P. N. 00330)

Dear Jim:

I am very pleased to present the enclosed letter report for the subject project in partial fulfillment of your Purchase Order No. 621862. This survey constitutes the monthly bird survey in accordance with your Continuing Emergency Measures (CEM) Workplan in response to EPA Administrative Order Docket No. R7003-5-00-001.

The June survey was completed on Monday, June 24, 2013. A total of 45 sets of five-minute observations was made from 04:20 to 22:08 at five different stations located at significant vantage points at the Schaefer Road Wastewater Treatment Plant (SRWWTP). Observations were made at this frequency in order to ensure a complete and scientifically sound inventory, to ensure quality assurance of the data collected, and to evaluate allegations of wildlife utilization of the impoundments. Observations were both visual and aural. Visual observations were made using Zeiss FL T* 10 x 42 power binoculars. The location of the five stations designated by MEC Environmental Consulting, which have been used in previous surveys and will continue to be used in subsequent surveys, is presented in the first enclosed table.

Weather conditions varied over the period, and were influenced by a large high pressure system centered off the mid-Atlantic coast and an advancing low pressure systems centered over southeastern Manitoba and the southern Great Plains with a cold front connecting the two easternmost centers and a warm and cold front extending west and north from the southeasternmost low. Barometric pressure, based on radio-broadcast readings from Detroit Metro Airport, was 30.07 in.-Hg and rising at 03:00, 30.07 in.-Hg and steady at 04:00 and 05:00, 30.08 in.-Hg and rising at 08:00, 30.09 in.-Hg and rising at 09:00, 30.07 in.-Hg and falling at 13:00, 30.05 in.-Hg and falling at 14:00, and 29.95 in.-Hg and falling at 22:00. Relative humidity, also based on radio broadcast National Weather Service data, was 76% at 03:00, 78% at 04:00, 84% at 05:00, 78% at 07:00, 81% at 08:00, 76% at 09:00, 56% at 13:00, 56% at 14:00, 27% at 19:00, and 69% at 22:00. Sky conditions ranged from partly cloudy to mostly clear in the morning and then hazy or partly cloudy throughout the remainder of the period, except on two occasions in the afternoon when thunder was heard in the distance and sky conditions were cloudy and threatening rain. Temperatures ranged from 73° F at 04:28, to 74° F around 05:20, to 76° F around 08:12, to 79° F around 09:49, to 88° F around 13:17 and 14:07, and to 81° F around 22:03. Winds were mostly out of the south until around 05:47, then out of the west until around 09:45, and then out of the southwest for the remainder of the period. Wind speed generally

1003 AMELIA AVENUE ROYAL OAK, MICHIGAN 48073-2704
VOICE: (248) 585-3800 mecec@comcast.net FAX: (248) 585-8404

increased throughout the period from approximately 5 mph until around 06:42, then approximately 8-10 mph until around 09:00, and then 10-20 mph with brief approximately 20-30 mph gusts, mainly in the afternoon, for the remainder of the period. There was no precipitation. A full moon was visible high in the western sky from 04:20 to around 06:30. Sunrise was at 05:55; sunset was at 21:13.

A total of 24 bird species was observed within the fenceline of the SRWWTP. This species total is four fewer than the June mean of 28. Of the 24 species, 8 species were observed only in the bermed area or on the outer vegetated banks of the Diked Lagoon adjacent to the bermed area. Another two species were observed flying over the SRWWTP. Thus, only 14 bird species, and fewer numbers of individuals overall, were observed proximal to treatment ponds and lagoons at the SRWWTP. It should also be emphasized that only one individual, a Killdeer, was observed in or on a treatment pond or lagoon. These data indicate that the controls instituted at the SRWWTP, especially the removal of most vegetation from the banks of the Primary, Secondary, and Diked Lagoons, are very effective.

One non-human mammalian species were observed during the survey: Woodchuck (*Marmota monax*). At 11:13 one medium-sized Woodchuck was observed to forage in the grass at the top of the southwest bank of the Secondary Lagoon immediately east and north of the utility pole. The mammal foraged for approximately 60 seconds before disappearing west of the utility pole, likely down one of the burrow entrances there.

No reptilian species was observed during the survey.

One amphibian species was observed during the survey: Green Frog (*Rana clamitans*). At 05:00 ten to twelve Green Frogs were observed to call from the dogleg of the bermed area. At 06:13 one individual was observed to call from the dogleg of the bermed area. At 11:28 the head of a probable Green Frog was observed protruding from the surface of the water adjacent to the west shoreline of the East Sludge Pond approximately 12 feet south of the northwest corner. This individual was viewed through binoculars at relatively close range. No oil was noted on this frog and no oil was observed on the water surface nearby. At 20:15 three individuals were observed to call from the dogleg of the bermed area. At 11:49 the splash of a probable Green Frog was observed at the southwest corner of the East Sludge Pond. At 12:03 the splash of a presumably different, probable Green Frog was observed at the edge of the east central side of the West Sludge Pond.

One Carp (*Cyprinus carpio*) was observed at 16:48 near the northeast corner of the Primary Lagoon immediately north of the OMI 2 mop and immediately south of the headwall east of the weir.

The entire shoreline of each treatment lagoon was systematically checked at least once during the day. Only the shorelines of the Primary Lagoon (except the north bank and the northwest end under the net), Diked Lagoon, sludge ponds (except for the inaccessible west side of the West Sludge Pond) and the south side of the Secondary Lagoon, however, were walked due to the fact that these were moderately sloped compared to the steep slopes of the rest of the impoundments. The shorelines of the steeply-sloped impoundments not walked were searched from top of grade from several angles using binoculars. Animal sign observed during this search is summarized in the third enclosed

table. Photographs, including those of animal sign, are enclosed.

Several small bones, including a mandible with a broken ramus, part of a ramus, and a maxilla, as well as a soiled, furred foot of a young Eastern Cottontail were found partially imbedded in soil at the top of the south bank of the East Sludge Pond approximately 15 feet west of the southeast corner of the pond tangent to the edge of the netting. This spot is proximal to the location where a decayed carcass of a young Eastern Cottontail, missing the head and feet, was discovered on April 9, 2012. (See MEC Carcass Report, dated July 11, 2012.) Because of these facts (viz., both remains being that of a young rabbit and essentially in the same location) and the fact that the bones and foot found in the subject survey were small, partially buried, and very well camouflaged, it is likely that they are from the Eastern Cottontail carcass found on April 9, 2012.

A desiccated, very soiled, and flattened posterior part of a carcass of a probable Green Frog was found near the center of the road south of the East Sludge Pond. The carcass appeared to be at least a year old. The frog was likely run over by a vehicle.

If you have any questions regarding this report please call me at (248) 585-3800. Thank you for choosing MEC Environmental Consulting for your wildlife management needs.

Sincerely yours,

MEC ENVIRONMENTAL CONSULTING

Michael E. Carlson
Principal

enclosures

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY STATIONS

No.	Location	Vantage Point for . . .
1	Between East and West Sludge Ponds, on the south side, between the two guard rails	East Sludge Pond West Sludge Pond South Clarifier (part)
2	East side of Secondary Lagoon at north end of guard rail opposite the North Clarifier	Secondary Lagoon North Clarifier (most)
3	South central end of Primary Lagoon just east of weather station	Primary Lagoon
4	Southeast corner of Diked Lagoon	Diked Lagoon Secondary Lagoon (except S end) Primary Lagoon
5	South Central Side of Bermed Area*	Bermed area*, except west end (including dogleg) Diked Lagoon

* not a wastewater treatment pond or lagoon

SCHAEFER ROAD WASTEWATER TREATMENT PLANT
BIRD SURVEY RESULTS
Monday, June 24, 2013

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Common Loon	*Gavia immer*								
Pied-billed Grebe	*Podilymbus podiceps*								
Horned Grebe	*Podiceps auritus*								
Double-crested Cormorant	*Phalacrocorax auritus*	1	X		X	X			1, 2, 3, 4
American Bittern	*Botaurus lentiginosus*								
Great Blue Heron *	*Ardea herodias*								
Great Egret *	*Ardea alba*	1						X	2, 3, 5
Snowy Egret	*Egretta thula*								
Green Heron *	*Butorides virescens*	1						X	2, 3, 6, 7
Black-crowned Night-Heron *	*Nycticorax nycticorax*								
Yellow-crowned Night-Heron	*Nyctanassa violacea*								
Glossy Ibis	*Plegadis falcinellus*								
Turkey Vulture	*Cathartes aura*								
Snow Goose	*Chen caerulescens*								
Cackling Goose	*Branta hutchinsii*								
Canada Goose *	*Branta canadensis*								
Mute Swan *	*Cygnus olor*								
Tundra Swan	*Cygnus columbianus*								
Wood Duck *	*Aix sponsa*								
Gadwall	*Anas strepera*								
American Wigeon	*Anas americana*								
American Black Duck *	*Anas rubripes*								
Mallard *	*Anas platyrhynchos*								
Blue-winged Teal *	*Anas discors*								
Northern Shoveler	*Anas clypeata*								
Northern Pintail	*Anas acuta*								
Green-winged Teal	*Anas crecca*								
Canvasback	*Aythya valisineria*								
Redhead	*Aythya americana*								
Ring-necked Duck	*Aythya collaris*								
Greater Scaup	*Aythya marila*								
Lesser Scaup	*Aythya affinis*								
Long-tailed Duck	*Clangula hyemalis*								
Bufflehead	*Bucephala albeola*								
Common Goldeneye	*Bucephala clangula*								
Hooded Merganser	*Lophodytes cucullatus*								
Red-breasted Merganser	*Mergus serrator*								
Common Merganser	*Mergus merganser*								
Ruddy Duck	*Oxyura jamaicensis*								
Osprey	*Pandion haliaetus*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Bald Eagle	*Haliaeetus leucocephalus*								
Northern Harrier	*Circus cyaneus*								
Sharp-shinned Hawk	*Accipiter striatus*								
Cooper's Hawk *	*Accipiter cooperii*								
Broad-winged Hawk	*Buteo platypterus*								
Red-tailed Hawk *	*Buteo jamaicensis*								
Rough-legged Hawk	*Buteo lagopus*								
American Kestrel *	*Falco sparverius*								
Merlin	*Falco columbarius*								
Peregrine Falcon	*Falco peregrinus*								
Ring-necked Pheasant *	*Phasianus colchicus*								
Northern Bobwhite *	*Colinus virginianus*								
Virginia Rail	*Rallus limicola*								
Sora	*Porzana carolina*								
Common Gallinule	*Gallinula galeata*								
American Coot	*Fulica americana*								
Black-bellied Plover	*Pluvialis squatarola*								
American Golden-Plover	*Pluvialis dominica*								
Semipalmated Plover	*Charadrius semipalmatus*								
Killdeer *	*Charadrius vociferus*	9	X		X	X	X	X	8
Greater Yellowlegs	*Tringa melanoleuca*								
Lesser Yellowlegs	*Tringa flavipes*								
Solitary Sandpiper	*Tringa solitaria*								
Spotted Sandpiper *	*Actitis macularius*	5			X	X	X	X	9
Whimbrel	*Numenius phaeopus*								
Ruddy Turnstone	*Arenaria interpres*								
Red Knot	*Calidris canutus*								
Sanderling	*Calidris alba*								
Semipalmated Sandpiper	*Calidris pusilla*								
Western Sandpiper	*Calidris mauri*								
Least Sandpiper	*Calidris minutilla*								
White-rumped Sandpiper	*Calidris fuscicollis*								
Baird's Sandpiper	*Calidris bairdii*								
Pectoral Sandpiper	*Calidris melanotos*								
Dunlin	*Calidris alpina*								
Short-billed Dowitcher	*Limnodromus griseus*								
Wilson's Snipe	*Gallinago delicata*								
American Woodcock *	*Scolopax minor*								
Wilson's Phalarope	*Phalaropus tricolor*								
Bonaparte's Gull	*Chroicocephalus philadelphia*								
Ring-billed Gull *	*Larus delawarensis*								
Herring Gull *	*Larus argentatus*	2				X	X	X	1, 2, 3, 10
Thayer's Gull	*Larus thayeri*								
Glaucous Gull	*Larus hyperboreus*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Great Black-backed Gull	*Larus marinus*								
Caspian Tern	*Hydroprogne caspia*								
Common Tern *	*Sterna hirundo*								
Forster's Tern *	*Sterna forsteri*								
Black Tern *	*Chlidonias niger*								
Rock Pigeon *	*Columba livia*								
Mourning Dove *	*Zenaida macroura*	5	X				X		2, 3, 11
Black-billed Cuckoo	*Coccyzus erythropthalmus*								
Eastern Screech Owl *	*Megascops asio*								
Great Horned Owl *	*Bubo virginianus*								
Snowy Owl	*Bubo scandiacus*								
Short-eared Owl	*Asio flammeus*								
Common Nighthawk	*Chordeiles minor*								
Chimney Swift *	*Chaetura pelagica*								
Ruby-throated Hummingbird *	*Archilochus colubris*								
Belted Kingfisher *	*Ceryle alcyon*	1			X				2, 6, 12
Red-headed Woodpecker *	*Melanerpes erythrocephalus*								
Red-bellied Woodpecker *	*Melanerpes carolinus*								
Downy Woodpecker *	*Picoides pubescens*	1						X	2, 3, 6
Hairy Woodpecker *	*Picoides villosus*								
Northern Flicker *	*Colaptes auratus*								
Eastern Wood-Pewee *	*Contopus virens*								
Yellow-bellied Flycatcher	*Empidonax flaviventris*								
Alder Flycatcher	*Empidonax alnorum*								
Willow Flycatcher *	*Empidonax traillii*	1						X	2, 3, 6
Least Flycatcher *	*Empidonax minimus*								
Eastern Phoebe	*Sayornis phoebe*								
Great Crested Flycatcher *	*Myiarchus crinitus*								
Eastern Kingbird *	*Tyrannus tyrannus*								
White-eyed Vireo	*Vireo griseus*								
Blue-headed Vireo	*Vireo solitarius*								
Yellow-throated Vireo *	*Vireo flavifrons*								
Warbling Vireo *	*Vireo gilvus*	4					X	X	2, 3, 6, 13
Philadelphia Vireo	*Vireo philadelphicus*								
Red-eyed Vireo *	*Vireo olivaceus*								
Blue Jay *	*Cyanocitta cristata*								
American Crow *	*Corvus brachyrhynchos*								
Horned Lark	*Eremophila alpestris*								
Purple Martin *	*Progne subis*								
Tree Swallow *	*Tachycineta bicolor*								
Northern Rough-winged Swallow*	*Stelgidopteryx serripennis*	2			X	X			2, 14
Bank Swallow *	*Riparia riparia*								
Barn Swallow *	*Hirundo rustica*	5					X	X	2, 15
Cliff Swallow *	*Petrochelidon pyrrhonota*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Black-capped Chickadee *	*Poecile atricapillus*								
Tufted Titmouse *	*Baeolophus bicolor*								
Red-breasted Nuthatch	*Sitta canadensis*								
White-breasted Nuthatch *	*Sitta carolinensis*								
Brown Creeper	*Certhia americana*								
Carolina Wren *	*Thryothorus ludovicianus*								
House Wren *	*Troglodytes aedon*								
Winter Wren	*Troglodytes hiemalis*								
Sedge Wren	*Cistothorus platensis*								
Marsh Wren	*Cistothorus palustris*								
Blue-gray Gnatcatcher	*Polioptila caerulea*								
Golden-crowned Kinglet	*Regulus satrapa*								
Ruby-crowned Kinglet	*Regulus calendula*								
Eastern Bluebird	*Sialia sialis*								
Veery	*Catharus fuscescens*								
Gray-cheeked Thrush	*Catharus minimus*								
Swainson's Thrush	*Catharus ustulatus*								
Hermit Thrush	*Catharus guttatus*								
Wood Thrush *	*Hylocichla mustelinus*								
American Robin *	*Turdus migratorius*	19	X	X	X	X	X	X	16
Gray Catbird *	*Dumetella carolinensis*	1					X		2, 3, 17
Northern Mockingbird	*Mimus polyglottos*								
Brown Thrasher *	*Toxostoma rufum*								
European Starling *	*Sturnus vulgaris*	13	X	X	X		X	X	18, 19
American Pipit	*Anthus rubescens*								
Cedar Waxwing *	*Bombycilla cedrorum*	8				X	X	X	2, 3, 6, 20, 21
Blue-winged Warbler	*Vermivora cyanoptera*								
Golden-winged Warbler	*Vermivora chrysoptera*								
Tennessee Warbler	*Oreothlypis peregrina*								
Orange-crowned Warbler	*Oreothlypis celata*								
Nashville Warbler *	*Oreothlypis ruficapilla*								
Northern Parula	*Setophaga americana*								
Yellow Warbler *	*Setophaga petechia*	1						X	2, 3, 6
Chestnut-sided Warbler	*Setophaga pensylvanica*								
Magnolia Warbler	*Setophaga magnolia*								
Cape May Warbler	*Setophaga tigrina*								
Black-throated Blue Warbler	*Setophaga virens*								
Yellow-rumped Warbler	*Setophaga coronata*								
Black-throated Green Warbler	*Setophaga virens*								
Pine Warbler	*Setophaga pinus*								
Prairie Warbler	*Setophaga discolor*								
Palm Warbler	*Setophaga palmarum*								
Bay-breasted Warbler	*Setophaga castanea*								
Blackpoll Warbler	*Setophaga striata*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Cerulean Warbler	*Setophaga cerulea*								
Black-and-white Warbler	*Mniotilta varia*								
American Redstart	*Setophaga ruticilla*								
Prothonotary Warbler	*Protonotaria citrea*								
Ovenbird *	*Seiurus aurocapilla*								
Northern Waterthrush	*Parkesia noveboracensis*								
Mourning Warbler *	*Geothlypis philadelphia*								
Common Yellowthroat *	*Geothlypis trichas*								
Wilson's Warbler	*Cardellina pusilla*								
Canada Warbler	*Cardellina canadensis*								
Yellow-breasted Chat	*Icteria virens*								
Scarlet Tanager *	*Piranga olivacea*								
Eastern Towhee *	*Pipilo erythrophthalmus*								
American Tree Sparrow	*Spizella arborea*								
Chipping Sparrow *	*Spizella passerina*								
Field Sparrow *	*Spizella pusilla*								
Vesper Sparrow *	*Pooecetes gramineus*								
Savannah Sparrow *	*Passerculus sandwichensis*								
Grasshopper Sparrow	*Ammodramus savannarum*								
Henslow's Sparrow	*Ammodramus henslowii*								
Fox Sparrow	*Passerella iliaca*								
Song Sparrow *	*Melospiza melodia*	5			X		X	X	2, 3, 6, 22
Lincoln's Sparrow	*Melospiza lincolnii*								
Swamp Sparrow *	*Melospiza georgiana*								
White-throated Sparrow	*Zonotrichia albicollis*								
White-crowned Sparrow	*Zonotrichia leucophrys*								
Dark-eyed Junco	*Junco hyemalis*								
Lapland Longspur	*Calcarius lapponicus*								
Snow Bunting	*Plectrophenax nivalis*								
Northern Cardinal *	*Cardinalis cardinalis*								
Rose-breasted Grosbeak *	*Pheucticus ludovicianus*								
Indigo Bunting *	*Passerina cyanea*								
Dickcissel	*Spiza americana*								
Bobolink *	*Dolichonyx oryzivorus*								
Red-winged Blackbird *	*Agelaius phoeniceus*	21	X		X	X	X	X	2, 23
Eastern Meadowlark *	*Sturnella magna*								
Rusty Blackbird	*Euphagus carolinus*								
Common Grackle *	*Quiscalus quiscula*	14	X				X	X	24
Brown-headed Cowbird *	*Molothrus ater*	2					X	X	2, 3, 6, 25
Orchard Oriole *	*Icterus spurius*								
Baltimore Oriole *	*Icterus galbula*	1						X	2, 3, 6
Purple Finch	*Haemorhous purpureus*								
House Finch *	*Haemorhous mexicanus*								
Red Crossbill	*Loxia curvirostra*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
White-winged Crossbill *	*Loxia leucoptera*								
Common Redpoll	*Acanthis flammea*								
Pine Siskin *	*Spinus pinus*								
American Goldfinch *	*Spinus tristis*	18	X		X	X	X	X	2, 3, 26
Evening Grosbeak	*Coccothraustes vespertinus*								
House Sparrow *	*Passer domesticus*								
SPECIES TOTAL		24							

LEGEND

Number means the maximum total observed within the fenceline at the facility; effort was made to avoid any double-counting.

* Indicates species known or suspected to breed in the general area encompassing the site based on generalized state maps (showing county boundaries) presented in "The Atlas of Breeding Birds of Michigan" by R. Brewer et al. (MSU Press: East Lansing, 1991). It should be emphasized that many of the species indicated as breeding birds have specific habitat requirements that are not met by the industrial environment at the Schaefer Road Wastewater Treatment Plant (SRWWTP) and the surrounding area. Thus, species marked with an asterisk above should not be assumed to breed at or even adjacent to the SRWWTP.

Species list adapted from "Bird Checklist of Michigan" (Thayer's Birding Software, 1999) considering habitat provided by site and immediately surrounding areas. Nomenclature is based on the 53rd Supplement to the American Ornithologists' Union "Checklist of North American Birds" (2012).

Bird data collected at five different stations over five-minute intervals throughout the day. Survey performed by Michael Carlson from 4:20 AM to 10:03 PM.

X indicates observations made. It should be emphasized that "X" means that the species was observed within the fenceline of the SRWWTP in proximity to the particular impoundment and, unless otherwise noted, not on or in contact with the water or immediately adjacent to the water at a particular impoundment. In many cases, the species was observed flying over the pond, sometimes higher than 200 feet.

Impoundment Designations:

- L Sludge Ponds
- C Clarifiers
- S Secondary Lagoon
- P Primary Lagoon
- D Diked Lagoon

Other Area Designations:

- B Bermed Area

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Monday, June 24, 2013

NOTES

1. Individual(s) observed flying over the SRWWTP.

2. Individual(s) was not observed at or near the water's edge of any of the wastewater treatment ponds and lagoons.

3. Individual(s) showed no interest in water surfaces of the SRWWTP wastewater treatment ponds and lagoons.

4. At 09:28 one individual was observed to fly rather rapidly north over the west edge of the SRWWTP, then northeast, and then south over the Secondary Lagoon and East Sludge Pond at an estimated height of approximately 100-125 feet above ground surface. The individual flew past the wildlife specialist at Station No. 2, and was viewed through binoculars for approximately 30 seconds. The plumage, particularly that of the underparts, appeared to be slightly matted, although it was impossible to determine if this matting was due to oil or some other factor.

5. Around 10:26 one individual appeared to flush from the dogleg of the bermed area and was observed to fly north. The bird was observed to circle the west end of the bermed area proper gaining altitude, and then to fly west at an estimated height of approximately 150-180 feet above ground surface, exiting the SRWWTP. This individual was viewed through binoculars for at least 30 seconds. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been very apparent due to the all-white plumage of and yellow bill which characterize the appearance of this species.

6. Individual heard, but not seen.

7. Around 09:01 one individual was observed to call several times from the bermed area proper between Station No. 5 and the west end. At one point, it sounded as if the bird were perched in a tree northwest of Station No. 5 but it was not seen.

8. Around 04:20 one individual was observed to rest in the grass on the far south side of the plain south of the East Sludge Pond. .After being lit a second time by a 6 million candlepower spotlight, the bird was observed to call loudly, to flush and to fly east. Presumably the same individual was observed in the same location around 05:20. Around 06:55 presumably the same individual was observed to call from the grass of the plain south of the East Sludge Pond. Around 08:27 presumably the same individual was observed to forage in the same location. This individual was observed to have clean, bright white underparts. Around 10:53 presumably the same individual was observed to rest in the grass of the plain south of the East Sludge Pond. At 04:38 three individuals were observed to call in road north of the Primary and Secondary Lagoon: one opposite the northeast corner of the Secondary Lagoon which was observed to flush and to fly east, due to the approach of the wildlife specialist, and the other two in the road north of the Primary Lagoon. Around 04:43 four individuals were observed to call: one from the airspace over the Primary Lagoon, one from what sounded like the plain northwest of the Primary Lagoon, and two from what sounded like the road and plain north of the Secondary and Primary Lagoons. At 04:58 one individual was observed to flush from the road north of the Diked Lagoon opposite the northwest corner of the Diked Lagoon and to fly south due to the approach of the wildlife specialist. At 05:04 one individual was observed to call from the west end of the bermed area loop road. This bird was observed to flush and to fly east and then south due to the approach of the wildlife specialist. Around 05:11 one individual was observed to call from what sounded like the west perimeter road west and south of the Secondary Lagoon outfall. At 06:08 one individual was observed to flush from the water's edge at the northwest corner of the Diked Lagoon due to the approach of the wildlife specialist. This bird was observed to fly southeast at an estimated height of approximately 2-6 feet above the water surface, and to land on the mid-slope of the south central bank of the Diked Lagoon. At 06:16 presumably a different individual was observed to fly northwest over the Diked Lagoon and to land at the top of the northwest bank of the Diked Lagoon. This bird, which was observed to call and to engage in the broken wing act distraction display, was observed to have

NOTES

(Continued)

brown staining on its belly. It should be emphasized that this staining is likely due to the application of asphalt emulsion on the dirt roads to control fugitive dust emissions from the SRWWTP in compliance with state and federal air quality regulations. The habits of Killdeer, including activity at night (when the asphalt emulsion is typically applied at the SRWWTP), running and sitting on dirt roads, and dragging wings and tail along the ground in broken wing act distraction displays, usually causes the birds to contact the damp asphalt emulsion which variously stains and mats the underparts of these birds. At 06:22 three individuals were observed to call: two from the plain northwest of the Primary Lagoon and one from the bermed area. One individual was observed to repeatedly engage in a broken wing act distraction display, but rather than dragging its wings on the ground, as is typically done, this bird alternatively extended and elevated a wing, possibly because the bird was in taller vegetation. At 06:30 six individuals- seemingly all adults, were observed to call from the ground of the plain northwest of the Primary Lagoon. At least one individual was observed to feign a broken wing. One individual with a stained vent was observed, possibly the same bird observed earlier at the Diked Lagoon. N nest could be found after a brief search of the area. The nest discovered during the May survey was also not found despite a search for it. Around 06:42 one individual was observed to call from what sounded like the east bank of the Primary Lagoon. Around 07:06 one individual was observed to call from the main north-south road opposite OMI 1. Around 07:20 possibly the same individual was observed to call from what sounded like either the top of the west central bank of the Secondary Lagoon or the main north-south road opposite the center of the Primary Lagoon. At 07:26 one individual was observed to call from the middle of the main north-south road opposite OMI 1. This individual was observed to flush, due to the approach of the wildlife specialist, and to fly west at an estimated height of approximately 10-15 feet above the water surface. Subsequently the bird was observed to land and to forage on the mid-slope of the west bank of the Primary Lagoon approximately 15 feet north of the southwest corner of the lagoon. This bird was observed to have no stained or matted plumage. At 07:33 two individuals, presumably a mated pair, were observed to chase each other in the air over the Diked Lagoon. One of the two individuals was observed to fly within approximately one foot of the water surface of the Diked Lagoon. At 07:44 both individuals were observed to call from the road south of the Diked Lagoon near Station No. 4. Around 07:42 presumably one of the same individuals was observed to call from the west end of the road north of the Diked Lagoon. The bird was observed to call and to forage in the road east to a point approximately 75 feet west of Station No. 5. Presumably the same bird was observed to call from the Diked Lagoon at 07:50. At 08:02 one individual was observed to call and to fly over the Diked Lagoon in a wide circle at an estimated height of approximately 100-125 feet above ground surface. At the same time a second individual was observed to call from the road south of the Diked Lagoon approximately 40 feet west of Station No. 4. This bird was the same one with the darkly stained vent observed earlier on the road north of the Diked Lagoon. At 08:12 one individual was observed to call from the Primary Lagoon, possibly the plain south of the Primary Lagoon. Around the same time presumably a different individual was observed to fly over the Secondary Lagoon at an estimated height of approximately 150-180 feet above ground surface. Around 08:38 one individual was observed to fly east over the Primary Lagoon. Around the same time one individual was observed to call from the grass at the south end of the plain south of the Primary Lagoon. Around 09:01 and 09:11 one individual was observed to call from the ground at the northwest corner of the Diked Lagoon. Around 09:22 one individual was observed to rest at the top of the west bank of the Secondary Lagoon opposite the former skimmer at the west junction of the north and south diagonal booms. Around 10:16 two individuals were observed to call and to flush from the road south of the Diked Lagoon near Station No. 4, and to fly north. One of the birds was observed to return after several seconds and to land in the road south of the Diked Lagoon approximately 30-40 feet west of Station No. 4. This bird was observed at relatively close range and under good light conditions to have a brown-black stained vent and at least one rectrix appeared to be stained and slightly matted. It should be emphasized that this staining and matting is likely due to the application of asphalt emulsion on the dirt roads to control fugitive dust and the unique habits of Killdeer, as discussed above. Around 10:26 the same individuals were observed to call from the road south of the Diked Lagoon. Around the same time two individuals were observed to call from what sounded like the plain northwest of the Primary Lagoon. Around 10:42 one particularly pale-plumaged individual with no stained underparts was observed to call from

NOTES

(Continued)

the plain south of the Primary Lagoon. Around 11:09 one individual was observed to call from the Primary Lagoon- possibly the west bank or road west of the Primary Lagoon. At 16:17 one individual was observed to call from the middle of the road south of the Diked Lagoon approximately 45 feet west of the control gate. This individual was observed at relatively close range to have slight brown staining on the neck (similar to the neck coloration of an immature) and vent as well as one or two stained and matted rectrices. It is likely that this staining and matting of the plumage of this individual is due to road application of asphalt emulsion, as discussed above. After approximately 60 seconds the bird was observed to move to the lower slope of the south bank opposite the point approximately 45 feet west of the control gate. The bird was observed to stand in very shallow water approximately 1 inch south of the water's edge, and to dip its bill into the water three to four times and to drink. It should be noted that no oil was observed on the surface of the water at and adjacent to the location where this bird was observed to drink. Approximately 60-90 seconds later a second individual was observed to call and to fly northeast over the Diked Lagoon, and the first bird was observed to take off and to fly north over the Diked Lagoon and to land in the road north of the Diked Lagoon near the northeast corner. Around 19:38 three individuals were observed to rest on the ground of the plain south of the East Sludge Pond. Around 19:48 one individual was observed to call from the plain south of the Primary Lagoon and a second individual was observed to call from what sounded like the west central bank of the Primary Lagoon. Around 19:58 one individual was observed to call from the road south of the Diked Lagoon approximately 200 feet west of the southeast corner at Station No. 4. Around 20:06 two individuals were observed to call: one from the road west of the Diked Lagoon, and the second from the northwest corner of the Diked Lagoon. Around 20:24 three individuals were observed to call: two from the plain south of the Primary Lagoon and one from what sounded like the main north-south road or the top of the west central bank of the Secondary Lagoon. Around 20:32 two individuals were observed to forage in the grass of the plain south of the East Sludge Pond. Around 20:40 one individual was observed to call from the airspace of the Primary Lagoon. Around 20:55 and 21:03 one individual was observed to call from the road south of the Diked Lagoon. Around 21:35 one individual was observed to call from the Primary Lagoon, possibly the plain south of the Primary Lagoon. Around 21:46 one individual was observed to call from the road south of the Diked Lagoon. At the same time another individual was observed to fly north over the Diked Lagoon and to land on the upper slope of the north bank of the Diked Lagoon opposite Station No. 5. After approximately one second the bird was observed to alarm call and to fly off to the southeast. Around 21:53 two individuals were observed to call: one from the road south of the Diked Lagoon, and the other from the plain northwest of the Primary Lagoon. Most of the individuals were viewed through binoculars, some at relatively close range. With the exception of the three individuals observed to have stained or matted plumage, no evidence of oil or discoloration, or matted feathers was observed on any individual. It should be noted that any oil would likely have been apparent on these adult birds, due to the white eyebrow, forehead, throat, collar, lower breast, belly, vent, wing stripe, tail tip, and underwing coverts that characterize the plumage of this species.

9. Around 04:43 one individual was observed to call from what sounded like the northwest bank of the Diked Lagoon. At 06:16 one individual was observed to alarm call and to fly east from the dogleg of the bermed area towards the wildlife specialist, and to circle the west central side of the Diked Lagoon clockwise at an estimated height of approximately 2-10 feet above the water surface. This bird was then observed to fly back west to the dogleg. This behavior suggested that the bird had a nest on the west bank of the dogleg of the bermed area but after a cursory search none was found. Around 07:06 presumably a second individual was observed to call from what sounded like the main north-south road opposite OMI 1. At 17:36 two individuals were observed to flush from the mid-slope of the southwest bank of the Secondary Lagoon approximately 10-15 feet northwest of the former skimmer at the west junction of the north and south diagonal booms, as the wildlife specialist walked along the top of the southwest bank of the lagoon. One individual was observed to fly quickly north towards the lower slope and to disappear behind the west bank of the lagoon. The second individual was observed to fly south-southeast over the Secondary Lagoon at an estimated height of approximately 1-2 feet above the water surface. Both birds were silent. Around 20:24 presumably a different individual was observed to call from what

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(Continued)

sounded like the southwest corner of the Primary Lagoon. Around 21:53 one individual was observed to call from what sounded like the Primary Lagoon. Only one individual was viewed in good light at close to relatively close range, although only through the naked eye, not binoculars. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been apparent on this bird due to the narrow white supercilium, white belly and vent, whitish underwing coverts, and narrow white wing stripe (base of the secondaries) that characterize the adult alternate plumage of this species.

10. Around 19:48 one individual was observed to call from the airspace over the Primary Lagoon. Around 20:55 one adult was observed to fly south over the bermed area, Diked Lagoon, and Primary Lagoon at an estimated height of approximately 300-400 feet above ground surface. This individual was viewed through binoculars albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been very apparent on especially a third or fourth year adult, due to the bird's prominent white plumage on the head, breast, belly, and underwing.

11. Around 05:47 one individual was observed to fly south over the Diked Lagoon at an estimated height of approximately 40-60 feet above ground surface. Around 06:55 presumably a different individual was observed to fly south over the Sludge Ponds at an estimated height of approximately 10-12 feet above ground surface. This bird was observed to land and rest atop the south perimeter fence near the southwest corner of the SRWWTP several feet from a second bird observed to have been already perched and resting there. Around 08:27 presumably two different individuals, likely a mated pair, were observed to fly west over the Sludge Ponds at an estimated height of approximately 30-50 feet above ground surface.

12. At 18:41 one individual was observed to call once or twice from what sounded like the north end of the Secondary Lagoon. It sounded as if the bird was in flight, and was not seem or heard subsequently.

13. One individual was observed to sing from the bermed area proper around 05:47, 06:00, 07:42, 09:01, 09:11, and 20:06. At 06:16 one individual was observed to sing from the dogleg of the bermed area. Around 07:34, 07:42, and 08:02 one individual was observed to sing from the east outer slope of the Diked Lagoon. At 07:50 and around 10:26 two individuals were observed to sing from the bermed area.

14. At 06:41 one individual was observed to aerially forage for flying insects over the plain south of the Primary Lagoon at an estimated height of approximately 4-20 feet above ground surface. At 07:13 presumably a different individual was observed to aerially forage over the Secondary Lagoon at an estimated height of approximately 4-6 feet over the water. Both individuals were viewed through binoculars albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that oil would likely have been apparent on the birds due to the pale gray breast, whitish belly, and white undertail coverts which are characteristic of this species.

15. At 05:00 two individuals were observed to call from the dogleg of the bermed area. Around 10:26 presumably a different individual was observed to fly south over the bermed area and Diked Lagoon at an estimated height of approximately 100-120 feet above ground surface. At 20:06 presumably a different individual was observed to call from the airspace over the bermed area. Around 21:03 presumably a different individual was observed to call from the airspace over the bermed area. Only the 10:26 individual was actually seen, and then only briefly viewed through binoculars. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been apparent due to the off-white to orange-beige breast, belly, and undertail and wing coverts which characterize the plumage of this species.

16. Many of the observations of these individuals, particularly those made before sunrise and during the early morning, were aural- i.e., of those singing and calling from the bermed area. Such observations are not

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(Continued)

discussed here. Around 04:28, 04:38, 04:43, and 04:52 one individual was observed to sing from the trees at the east perimeter fence southeast of the pumphouse. At 04:38 one individual was observed to sing from the east outer slope of the Diked Lagoon. At 05:43 one male was observed to forage at the east end of the bermed area loop road and road north of the Secondary Lagoon. Around 06:42 one individual was observed to forage at the south end of the plain south of the Primary Lagoon. Around 06:55 one individual was observed to forage in the grass between the East and West Sludge Ponds. At 07:02 one female was observed to fly east over the south end of the Secondary Lagoon and to land in the grass opposite the northwest corner of the north clarifier where it was observed to forage. After approximately 30 seconds the bird was observed to flush and to fly off to the south due to the approach of the wildlife specialist. Around 07:34 one individual was observed to rest in the tree at the east end of the south outer slope of the Diked Lagoon opposite Station No. 4. At the same time one individual was observed to sing from what sounded like the east perimeter fence south of the northeast gate. At 18:00 one male was observed to forage briefly at the water's edge at the southwest corner of the Secondary Lagoon outfall underneath the catwalk. Around 19:38 one individual was observed to rest in the plain south of the East Sludge Pond. At 20:48 a mated pair was observed to forage in the east perimeter road: one opposite the south end of the pumphouse and the other approximately 35 feet south of the pumphouse. Approximately 30 seconds later a third bird was observed to fly east over the Secondary Lagoon and to land in a tree at the east perimeter fence approximately 60 feet south of the second bird. The southernmost bird was observed to immediately fly rapidly south directly to where the third bird had landed and to call. The third bird was observed to rapidly fly south. Around 21:18 two individuals were observed to forage in the grass at the top of the east bank of the Secondary Lagoon approximately 100 feet south of the pumphouse. Around 21:35 one individual was observed to call and sing from atop the west perimeter fence approximately 60 feet southwest of dumpster located near the southwest corner of the Primary Lagoon fence. No immature birds were observed. Several of these individuals were viewed through binoculars and the naked eye at close to very close range. No evidence of oil or discoloration, or matted feathers was observed on any of these individuals. It should be noted that oil would likely have been apparent on these birds, due to the yellow bill, orangish breast and belly, white undertail coverts and white tail spots which are characteristic of the plumage of this species.

17. At 07:57 one individual was observed to silently forage in an ash tree at the center of the east outer slope of the Diked Lagoon. This bird was viewed through binoculars albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that oil would likely have been apparent on this bird due to the medium gray plumage that characterize the plumage of this species.

18. Not a protected migratory bird.

19. Around 06:00 one individual was observed to fly southeast over the Diked Lagoon at an estimated height of approximately 60 feet above ground surface. At the same time two individuals were observed to call from a tree in the bermed area, and another individual was observed to fly northeast over the Diked Lagoon and bermed area. At 07:04 one individual was observed to forage on the ground north of the north clarifier. After several seconds this bird was observed to fly up and to land on the north side of the fence surrounding the north clarifier. After approximately 15 seconds the same bird was observed to fly south and to land atop the SRWWTP Office. Around 07:06 two individuals were observed to vocalize: one from atop the ladder cage at the east side of the SRWWTP Office and one from what sounded like the east perimeter fence opposite the northernmost shed. At 07:13 three individuals were observed to fly east over the Secondary Lagoon and clarifiers at an estimated height of approximately 20-30 feet above ground surface. Around 07:20, 08:12, 09:22, and 10:03 one individual was observed to vocalize from the Secondary Lagoon. Around 09:52 one immature was observed to fly east at an estimated height of approximately 60-80 feet above ground surface. At 10:59 one individual was observed to forage on top of the far east edge of the net over the top of the east bank of the East Sludge Pond at the net bollards near the southeast corner of the pond. This individual was observed to walk through or under the net between the two bollards and to forage on the middle and lower slopes of the east bank of the East Sludge Pond under the net. Several of these individuals were viewed through binoculars,

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(Continued)

especially the individual under the East Sludge Pond net. No evidence of matted feathers was observed on these individuals.

20. Individual(s) likely recently arrived migrant(s) or still in the process of migration.

21. At 06:14 two individuals were observed to call from the airspace over the bermed area. At 07:20 one individual was observed to call from the airspace over the Primary Lagoon. Around 09:01 two individuals were observed to call from the airspace over the Diked Lagoon and bermed area. Around 09:11 presumably two different individuals were observed to call from the airspace over the Diked Lagoon and bermed area. Around 21:03 one individual was observed to call from the bermed area.

22. At 05:00 one individual was observed to sing from the dogleg of the bermed area. Around 05:31 one individual was observed to sing from what sounded like the pines at the east perimeter fence northeast of the shed north of the north clarifier. Around 07:34 one immature was observed to call from the south end of the east outer slope of the Diked Lagoon. Around 07:42 one individual was observed to sing from the bermed area proper. At 07:50 one individual was observed to sing from the east outer slope of the Diked Lagoon. At 08:02 one individual was observed to sing from the bermed area. At the same time one individual was observed to alarm call from near the south end of the east outer slope of the Diked Lagoon. Around 09:01 one individual was observed to sing from the south outer slope of the Diked Lagoon. At the same time a second individual was observed to sing from the east outer slope of the Diked Lagoon. Around 09:11, 10:16, and 19:58 one of the same individuals was observed to sing from the south central outer slope of the Diked Lagoon.

23. The first individuals were observed vocalizing from the *Phragmites* and *Typha* of the bermed area proper around 05:47. Approximately 10-12 individuals were subsequently observed to call and to sing from the bermed area, particularly the bermed area proper, throughout much of the morning. Such observations are not discussed here. Around 05:47 one male was observed to fly south over the far west end of the Diked Lagoon at an estimated height of approximately 2-3 feet above the water surface. This bird was observed to land on the mid-slope of the south bank of the Diked Lagoon approximately 5 feet east of the southwest corner of the lagoon. After approximately one second the bird was observed to fly south. At 06:52 one male was observed to fly south over the southwest end of the Secondary Lagoon and West Sludge Pond at an estimated height of approximately 8-12 feet above ground surface. Around 08:27 one individual was observed to call from the Sludge Ponds. At 08:45 one male was observed to alarm call from an ash tree at the west perimeter fence opposite the southwest corner of the Primary Lagoon fence. Seconds later a female was observed to fly east from the *Phragmites* along the west perimeter fence near the ash several feet towards the wildlife specialist and then to fly back west. Both these behaviors indicate that a nest was nearby likely in the *Phragmites.* A cursory check along the west perimeter fence, however, revealed no nest. At 14:29 one individual was observed to flush and to fly east and then quickly west from the tallest stand of *Phragmites* on the west side of the West Sludge Pond approximately 12 feet south of the northwest corner of the pond above the net. Around 19:38 one male was observed to call from the top railing of the skimmer at the East Sludge Pond. This same individual was observed after approximately 120 seconds to forage on the west edge of the net over the East Sludge Pond in the *Phragmites* immediately northeast of the skimmer tank. Presumably the same male was observed around 20:32 to forage on the net over the east side of the West Sludge Pond approximately 16 feet northwest of the skimmer tank. The bird was then observed to forage in the grass between the East and West Sludge Ponds approximately 18 feet north of the skimmer tank. Several of these birds were viewed through binoculars. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that oil would likely have been apparent on these birds due to the bright red shoulder patch and light yellowish trailing edge of the patch which characterizes the adult male plumage of this species. In addition, oil would likely have been apparent on the bird due to the whitish, streaked underparts and buffy supercilium, submoustachial stripe, and throat which characterize the female plumage of this species.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Monday, June 24, 2013

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(Continued)

24. Around 06:00 three individuals were observed to call from a tree in the bermed area. At the same time another individual was observed to fly south over the dogleg of the bermed area. At 06:14 one individual was observed to fly northeast over the Diked Lagoon at an estimated height of approximately 35-50 feet above ground surface. Around 07:42 two individuals were observed to fly over the dogleg of the bermed area. Around 08:27 two individuals were observed to fly west over the Sludge Ponds at an estimated height of approximately 15-30 feet above ground surface. Around 10:53 presumably a mated pair was observed to forage on the net over the East Sludge Pond. The female was observed to walk around on the east side of the net and then to drop through the net at a point approximately 12 feet north of the loading area. The female was observed to immediately walk to the water's edge at the east central side of the East Sludge Pond under the net and to begin to forage. At the same time the male walked south on the netting at the top of the east central bank of the East Sludge Pond. The bird was observed to walk through or under the net along the east side immediately south of the northernmost tall bollard south of the loading area. This individual also was observed to walk to the water's edge of the southeast bank of the East Sludge Pond and to forage under the net. At 11:31 an adult and an immature were observed to call while perched on the south aerator arm of the East Sludge Pond. The adult was observed to feed the fully-grown immature, which was observed to beg for food. After approximately 30 seconds both birds were observed to fly to the west, exiting the SRWWTP. Around 19:38 one individual was observed to call from the top railing of the skimmer at the East Sludge Pond. Approximately 45 seconds later this individual was observed to fly west, exiting the SRWWTP. Several of these individuals were viewed through binoculars, especially the individuals observed under the East Sludge Pond net. No evidence of matted feathers was observed on these individuals.

25. At 06:16 one individual was observed to call from what sounded like the tree at the southwest corner of the Diked Lagoon. Around 07:42 one individual was observed to call from the bermed area.

26. Around 06:00 one individual was observed to call from the bermed area proper. At 06:51 one individual was observed to call from the airspace over the Secondary Lagoon. At 07:13 presumably a different individual was observed to call from the airspace over the Secondary Lagoon. Around 07:42 one individual was observed to call from the airspace over the Diked Lagoon and bermed area. Approximately 200 seconds later presumably a second individual was observed to call from the airspace over the Diked Lagoon and bermed area. Around 07:50 presumably yet a different individual was observed to call from the airspace over the Diked Lagoon. At 08:02 presumably a different individual was observed to call from the airspace over the Diked Lagoon and bermed area. Around 09:11 one individual was observed to call from the east outer slope of the Diked Lagoon. Around 09:22 one individual was observed to call from the airspace over the Secondary Lagoon. Around 09:52 one individual was observe to sing from what sounded like the west perimeter fence near the West Sludge Pond. Around 10:03 one individual was observe to call from the airspace over the Primary Lagoon. Approximately 240 seconds later presumably a different individual was observed to call from the airspace over the Primary Lagoon. Around 10:16 one individual was observed to call from a tree on the east outer slope of the Diked Lagoon. Around 19:48 one individual was observed to call from the airspace over the Primary Lagoon. Around 19:58 one individual was observed to fly over the east outer slope of the Diked Lagoon and to land in a tree there and to call. Around 20:55 three individuals were observed to fly north over the Diked Lagoon and east end of the bermed area proper at an estimated height of approximately 60-80 feet above ground surface. Most of the birds observed were only heard calling. Only four individuals were actually seen but only viewed through the naked eye, and not through binoculars. The individuals so viewed through the naked eye generally appeared as silhouettes due to relatively poor light conditions at the time. Therefore, no conclusions can be made concerning the condition of plumage of these individuals.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 06-24-13

1	Type: dropping	Species: RED-WINGED BLACKBIRD	☐ certain ☐ probable ☒ possible ☐ found before	#: 4	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of steel anchor beam between East and West Sludge Ponds, approximately 23 feet north of skimmer tank		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 1	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Individuals observed close by during survey.			
2	Type: dropping	Species: COMMON GRACKLE	☐ certain ☒ probable ☐ possible ☐ found before	#: 4	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of north side of skimmer tank between East and West Sludge Ponds		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 2	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Individuals observed close by during survey.			
3	Type: dropping	Species: COMMON GRACKLE	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: steel weight for netting at top of north bank of East Sludge Pond, approximately 2 feet east or northwest corner		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 5	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
4	Type: dropping	Species: COMMON GRACKLE	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: northeast side of I-beam bollard at northeast corner of East Sludge Pond		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: perched
	Photo #: 6	Sizing Basis: none- too vertical to place				
	Additional Sign Present: none		Note: Bird perched atop bollard.			
5	Type: dropping	Species: COMMON GRACKLE	☐ certain ☒ probable ☐ possible ☐ found before	#: 2	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: east side of guardrail on east side of East Sludge Pond, approximately 12 feet north of south end of guardrail		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: perched
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Bird perched atop guardrail.			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 06-24-13

6	Type: dropping	Species: COMMON GRACKLE	☐ certain ☒ probable ☐ possible ☐ found before	#: ~8	☐ fresh ☒ relatively fresh ☒ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of southernmost tallest anchor net bollard on east bank of East Sludge Pond near southeast corner of pond		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 7	Sizing Basis: none- to small an area to place				
	Additional Sign Present: none		Note:			
7	Type: feather	Species: CANADA GOOSE	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: top of south bank of East Sludge Pond, approximately 7 feet east-southeast of southeast corner of control gate		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: unknown
	Photo #: 11	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: All white. Somewhat worn. See Note 1.			
8	Type: dropping	Species: COMMON GRACKLE	☐ certain ☐ probable ☒ possible ☐ found before	#: 3	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of pipe east of skimmer tank, located between East and West Sludge Ponds		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
9	Type: dropping	Species: COMMON GRACKLE	☐ certain ☒ probable ☐ possible ☐ found before	#: 2	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of guardrail on north side of West Sludge Pond, approximately 3-4 feet west of aerator arm		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: perched
	Photo #: 13	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Bird perched on electrical cable, approximately 12 inches above guardrail.			
10	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☒ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: mid-slope of southeast bank of Secondary Lagoon approximately 3 feet south of belt skimmer		Status: probably inactive			From NA individual(s)
			Based on: lack of activity in 2012 and to date in 2013			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 06-24-13

11	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of the southeast bank of the Secondary Lagoon approximately 8 feet south-southwest west of belt skimmer		Status: inactive		☒ very old ☐ residual	From NA individual(s)
			Based on: entrance completely subsided and filled in.			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
12	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: mid-slope of east central bank of Secondary Lagoon approximately 12 feet southwest of double yellow standpipe		Status: possibly inactive		☒ very old ☐ residual	From NA individual(s)
			Based on: no obvious modification to entrance			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
13	Type: dropping	Species: AMERICAN ROBIN	☐ certain ☐ probable ☒ possible ☐ found before	#: 8	☐ fresh ☒ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of concrete pad at southwest corner of pumphouse		Status: NA		☐ very old ☐ residual	From 1-2 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 16	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Two individuals observed nearby during survey.			
14	Type: dropping	Species: EUROPEAN STARLING	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of concrete pad at southwest corner of pumphouse		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: taking off
	Photo #: 17	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Slight splatter pattern.			
15	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 3	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: under southwest foundation of pumphouse at top of northeast bank of Secondary Lagoon		Status: possibly active		☒ very old ☐ residual	From NA individual(s)
			Based on: Woodchuck observed at burrow entrance at concrete slab during September 2011 survey.			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 06-24-13

16	Type: scat	Species: COYOTE	☐ certain ☒ probable ☐ possible ☒ found before	#: ~4	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☒ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: north side of road north of Primary Lagoon, approximately 40 feet north of northeast corner of Primary Lagoon fence		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: unknown
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
17	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☒ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: approximately 1 foot east (outside) of east side of Primary Lagoon fence, approximately 8 feet north of utility pole near northeast corner of Primary Lagoon		Status: probably active			From NA individual(s)
			Based on: entrance appears to have been enlarged in April 2013			Behavior: NA
	Photo #: 21	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Likely connected to Item 22.			
18	Type: dropping	Species: EUROPEAN STARLING	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: lower slope of east bank of Primary Lagoon opposite southeast gate and approximately 3 feet east of water's edge		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 25	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
19	Type: dropping	Species: EUROPEAN STARLING	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: upper lower slope of east bank of Primary Lagoon, approximately 45 feet south of TVT bridge		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 26	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
20	Type: dropping	Species: EUROPEAN STARLING	☐ certain ☐ probable ☒ possible ☐ found before	#: 3	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: upper lower slope of east bank of Primary Lagoon, approximately 35 feet south of TVT bridge		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

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21	Type: scat	Species: CANADA GOOSE	☒ certain ☐ probable ☐ possible ☒ found before	#: 2	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From 1 individual(s)
	Location: lower slope of east bank of Primary Lagoon, approximately 3.5 feet east of water's edge and approximately 45 feet north of TVT bridge		Status: NA			
			Based on: NA			Behavior: standing
	Photo #: 27	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
22	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☒ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From NA individual(s)
	Location: mid-slope of northeast bank of Primary Lagoon, approximately 15 feet northwest of utility pole		Status: probably active			
			Based on: entrance appears to have been modified slightly in March 2013			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Likely connected to Item 17.			
23	Type: burrow	Species: WOODCHUCK	☒ certain ☐ probable ☐ possible ☒ found before	#: 2	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☒ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From NA individual(s)
	Location: top of southwest bank of Secondary Lagoon: one entrance approximately 3 feet west of utility pole, and the other entrance approximately 2 feet north of utility pole		Status: active			
			Based on: individual observed several feet east of entrances during survey			Behavior: NA
	Photo #: 30	Sizing Basis: inc ruler				
	Additional Sign Present: none		Note: Previously thought to have been occupied by Eastern Cottontail.			
24	Type: feather	Species: HERRING GULL	☐ certain ☒ probable ☐ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged From 1 individual(s)
	Location: top of south bank of Primary Lagoon, approximately 15 feet west of southeast corner of Primary Lagoon fence and approximately 2.5 feet north of Primary Lagoon fence		Status: NA			
			Based on: NA			Behavior: unknown
	Photo #: 31	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Caught on vegetation. Pure white contour feather with considerable down at base. See Note 2			
25	Type: scat	Species: EASTERN COTTONTAIL	☒ certain ☐ probable ☐ possible ☐ found before	#: ~20	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From 1 individual(s)
	Location: top of south bank of Primary Lagoon, approximately 8 feet east of southwest corner of Primary Lagoon fence and approximately 3 feet north of Primary Lagoon fence		Status: NA			
			Based on: NA			Behavior: unknown
	Photo #: 32	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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26	Type: track	Species: GREAT BLUE HERON	☒ certain ☐ probable ☐ possible ☐ found before	#: 10	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of baffle at south end of Primary Lagoon from far west end to a point approximately 10 feet east		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing / walking
	Photo #: 34	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
27	Type: burrow	Species: EASTERN COTTONTAIL	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: Approximately 0.5 feet north of the south end of the steel headwall at the southeast corner of Primary Lagoon and immediately adjacent to the headwall		Status: probably active		☐ very old ☐ residual	From NA individual(s)
			Based on: entrance found to have been modified slightly in April survey			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
28	Type: excavation	Species: WOODCHUCK	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: under north Primary Lagoon fence, approximately 50 feet east of northwest corner of Primary Lagoon fence		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: digging
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Under fence dig. Closed with rocks.			
29	Type: scat	Species: EASTERN COTTONTAIL	☒ certain ☐ probable ☐ possible ☐ found before	#: ~40	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: north edge of road north of Diked Lagoon, approximately 15 feet west of Station No. 5		Status: NA		☐ very old ☐ residual	From 1-2 individual(s)
			Based on: NA			Behavior: unknown
	Photo #: 36	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Two piles			
30	Type: feather	Species: COMMON GRACKLE	☐ certain ☒ probable ☐ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: plain west of Primary Lagoon, approximately 10 feet due south of lone tree		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: unknown
	Photo #: 37	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Purple hues especially towards distal end (not captured in photo). Probable rectrix. See Note 3.			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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31	Type: scat	Species: EASTERN COTTONTAIL	☒ certain ☐ probable ☐ possible ☐ found before	#: ~23	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: north side of road north of Diked Lagoon, approximately 12 feet west of northeast corner of lagoon		Status: NA		☐ very old ☐ residual	From 1-2 individual(s)
			Based on: NA			Behavior: unknown
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
32	Type: burrow	Species: EASTERN COTTONTAIL	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: near top of slope of the south bank of the Secondary Lagoon, approximately 6 feet west of the west end of guardrail section closest to the belt skimmer		Status: possibly active		☐ very old ☐ residual	From NA individual(s)
			Based on: first found in June 2012			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location:		Status:		☐ very old ☐ residual	From individual(s)
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location:		Status:		☐ very old ☐ residual	From individual(s)
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location:		Status:		☐ very old ☐ residual	From individual(s)
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

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NOTES

1. Considering the small size of this feather and recent strong winds out of the south and southwest, it is likely that the feather was wind-blown to the East Sludge Pond possibly from the Rouge River or another off-property location with a Canada Goose nest or loafing Canada Geese. Therefore, the feather observed is not truly a "sign" of physical presence of a Canada Goose at the East Sludge Pond. Moreover, the feather does not suggest utilization of the East Sludge Pond by Canada Goose.

2. Considering the small size of this feather and the amount of down at the base, together with the typically windy environment at the SRWWTP due to its flat terrain, it is likely that the feather was wind-blown to the Primary Lagoon possibly from the Rouge River or one of the roof-top nesting colonies at the Rouge Manufacturing complex east of Schaefer Road. Therefore, the feather observed is not truly a "sign" of physical presence of a Herring Gull at the Primary Lagoon or the SRWWTP. Moreover, the feather does not suggest utilization of the Primary Lagoon or the SRWWTP in general by Herring Gull.

3. Tail feathers of immatures show purple hues. Moreover, the feather shows very little wear. Thus, this feather likely is from a molting immature although molting generally does not begin until early July and typically tail feathers are molted last.

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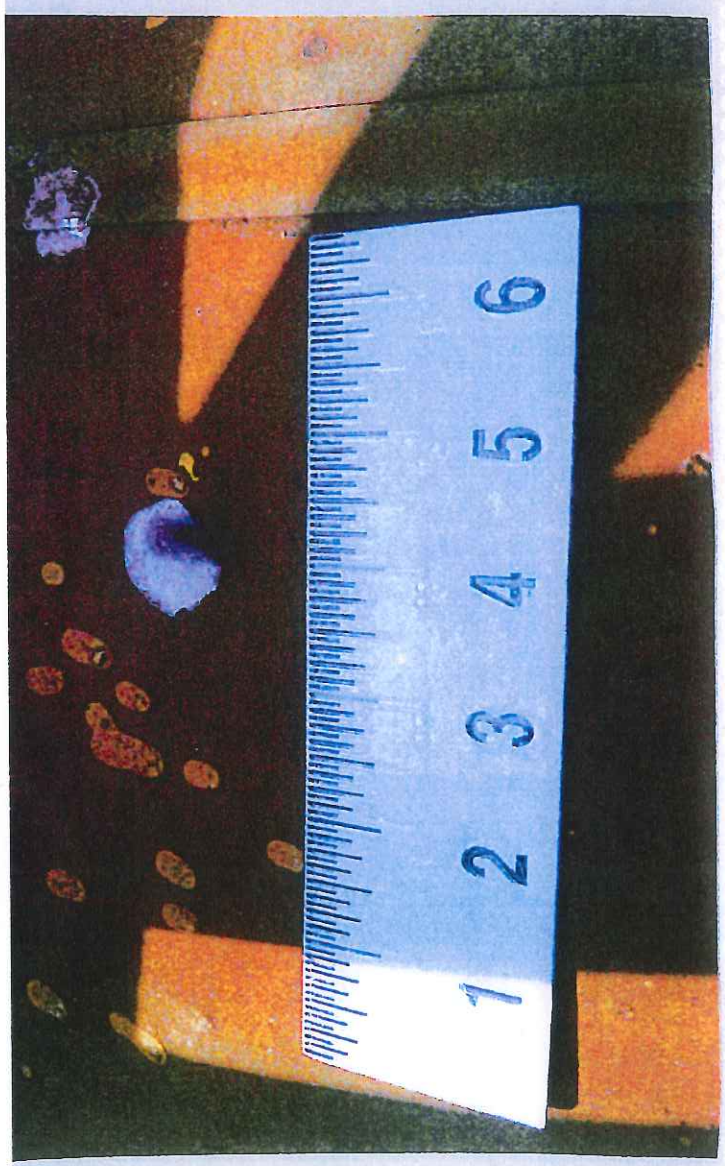
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SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - morning

#1: Ground between East and West Sludge Ponds approximately 23 feet north of skimmer tank, looking down and east from same. Note droppings of possible Red-winged Blackbird on steel anchor beam, & inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - morning

#2: Surface of top of north side of skimmer tank between East and West Sludge Ponds, looking down and south. Note probable Common Grackle droppings and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - morning

#3: West Sludge Pond, looking southwest from the northeast corner of pond opposite Station No 1. Note netting, spacer drum, and west perimeter fence in-place. Background trees are off-property along Rouge River.

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - morning

#4: East Sludge Pond looking south-southeast from Station No. 1 at northwest corner of pond. Note netting, spacer drums, and south perimeter fence in-place, as well as wastewater discharging into pond.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#5: Ground & steel weight at top of north bank of East Sludge Pond approximately 2 feet east of northwest corner of pond, looking down and south from same. Note dropping of possible Common Grackle & inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#6: Northeast face of I-beam bollard at northeast corner of East Sludge Pond, looking southwest from same. Note whitish streak on side of bollard is dropping of possible Common Grackle.

1 2 3 4 5 6

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#7: Top of southernmost tallest net anchor bollard on the east side of the East Sludge Pond near the southeast corner, looking down and west. Note droppings of probable Common Grackle and 2-inch mesh netting.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

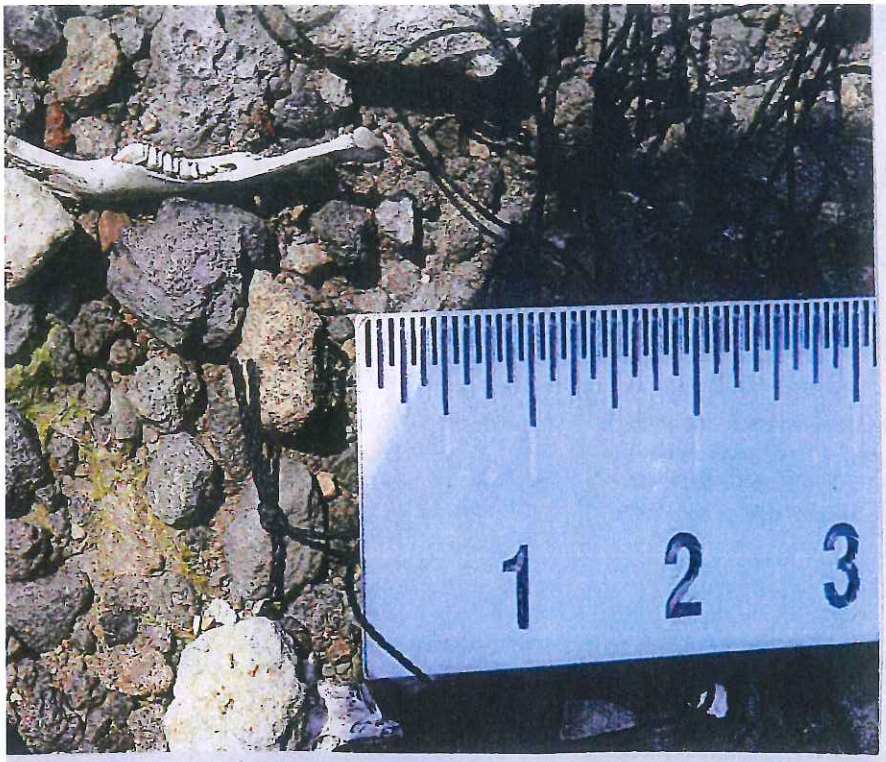
Photographed by Michael Carlson
June 24, 2013 - afternoon

#8: Ground at top of south bank of East Sludge Pond approximately 15 feet west of southeast corner, looking down and north from same. Note residual bones from young Eastern Cottontail found April 9, 2012 & inch ruler.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#9: Close-up of residual bones from young Eastern Cottontail at top of south bank of East Sludge Pond. Note fore foot of Eastern Cottontail as well as probable radius & ulna at center, maxilla (right), & inch ruler for sizing.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SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#10: Close-up of residual bones from young Eastern Cottontail (carcass recovered April 9, 2012) at top of south bank of East Sludge Pond. Note mandible with broken ramus and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#11: Ground at top of south bank of East Sludge Pond approximately 7 feet southeast of control gate, looking down & north from same. Note feather of possible Canada Goose and inch ruler for sizing. (Photo underexposed.)

SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#12: Close-up of surface of road south of East Sludge Pond & opposite the center of pond, looking down & south. Note soiled, flattened, and desiccated posterior portion of a carcass of a probable Green Frog, & inch ruler for sizing.

6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#13: Close-up of top of guardrail on north side of the West Sludge Pond approximately 4 feet west of the aerator arm, looking down and south from same. Note dropping of probable Common Grackle and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#14: Secondary Lagoon, looking north from top of southeast bank of lagoon approximately 20 feet northeast of the belt skimmer. Note Mylar ribbons, air-dancers, propane cannon, & north diagonal boom in-place.

Photographed by Michael Carlson
June 24, 2013 - afternoon

#15: East perimeter road looking north from approximately 125 feet south of pumphouse. Note dark areas of road are from application of asphalt emulsion for dust control. Also east perimeter fence & Mylar ribbons in-place.

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1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#16: Surface of concrete pad at southwest corner of pumphouse at top of northeast bank of Secondary Lagoon, looking down and west. Note droppings of possible American Robin and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

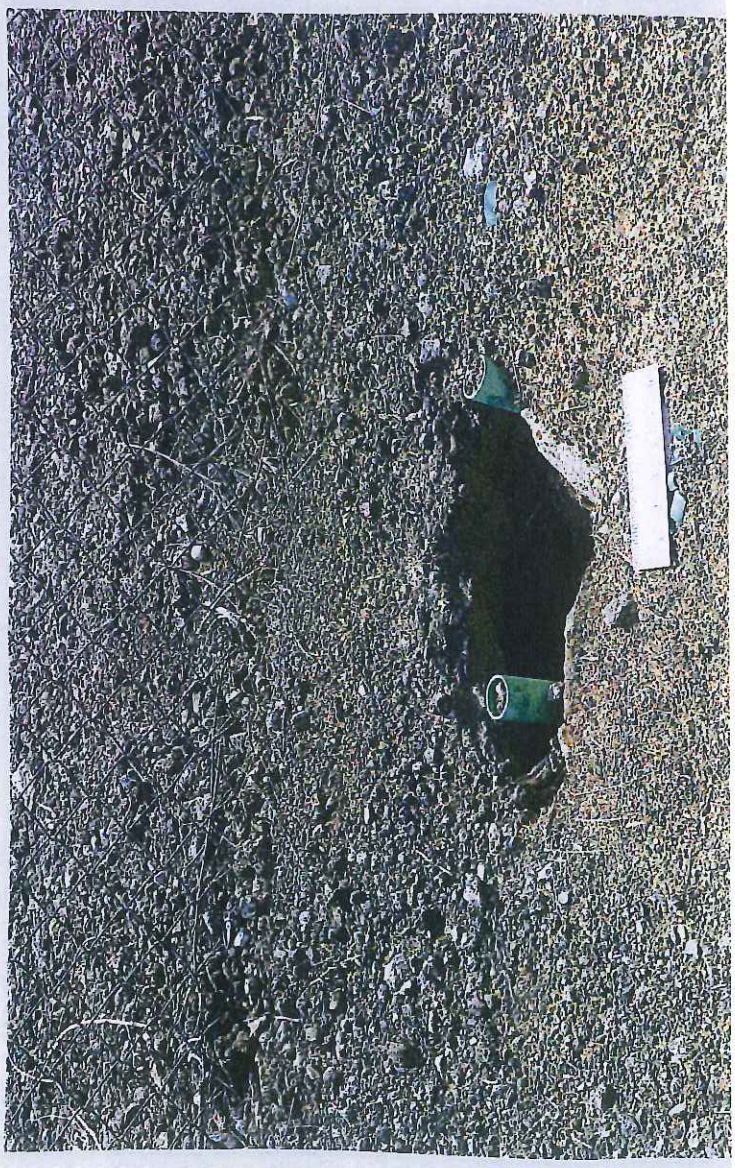
Photographed by Michael Carlson
June 24, 2013 - afternoon

#17: Surface of concrete pad at southwest corner of pumphouse at top of northeast bank of Secondary Lagoon, looking down and west. Note dropping of possible European Starling and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#18: East side of Diked Lagoon, looking north from middle of east road approximately 6 feet south of Station No. 4. Note Mylar ribbons & Terror-Eyes™ balloon in-place. Also algal blooms on water, & asphalt emulsion for dust.



SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#19: Intersection of main north-south road and east-west road north of Secondary & Primary Lagoons, looking south from approximately 6 feet south of Station No. 4. Note dark areas are from asphalt emulsion for dust control.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

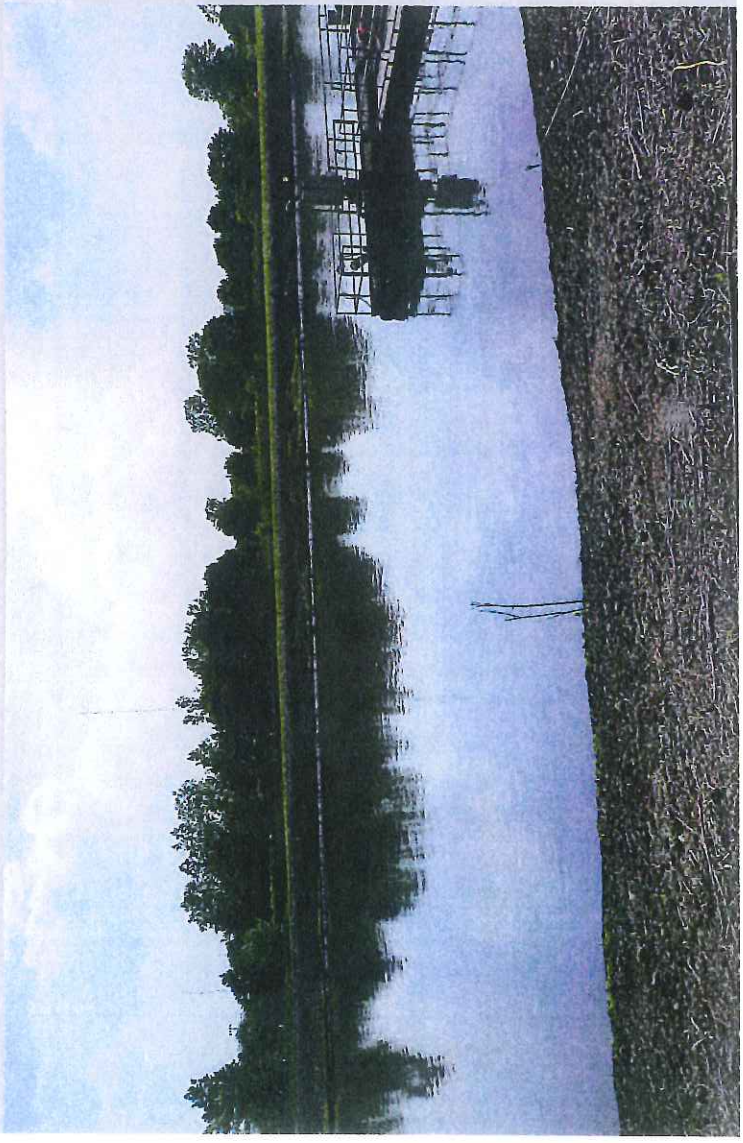
Photographed by Michael Carlson
June 24, 2013 - afternoon

#20: Northeast corner of Primary Lagoon, looking west-northwest from approximately 3 feet west of the northeast Primary Lagoon gate under the net. Note netting and Primary Lagoon fencing in-place.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#21: Ground at west shoulder of main north-south road approximately 8 feet north of utility pole & 1 foot east (outside) of Primary Lagoon fence. Note burrow entrance of probable Woodchuck and inch ruler for sizing.



SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#22: Main north-south road looking south from approximately 23 feet south and east of TVT bridge. Note Mylar ribbons, air-dancer, & deterrent fencing in-place. Also southeast gate, electric panel, OMI 1, and emulsion on road.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#23: South end of Primary Lagoon, looking southwest from approximately 23 feet south and east of TVT bridge. Note Mylar ribbons, deterrent fencing, Terror-Eyes™ balloon, & west perimeter fence in-place.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#24: Central Primary Lagoon, looking west from approximately 23 feet south and east of TVT bridge. Note west perimeter fence in-place & banks virtually free of vegetation. TVT & part of TVT bridge. (Underexposed.)

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1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#25: Ground at lower slope of east bank of Primary Lagoon opposite southeast gate & approximately 3 feet east of water's edge. Note dropping of possible European Starling and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

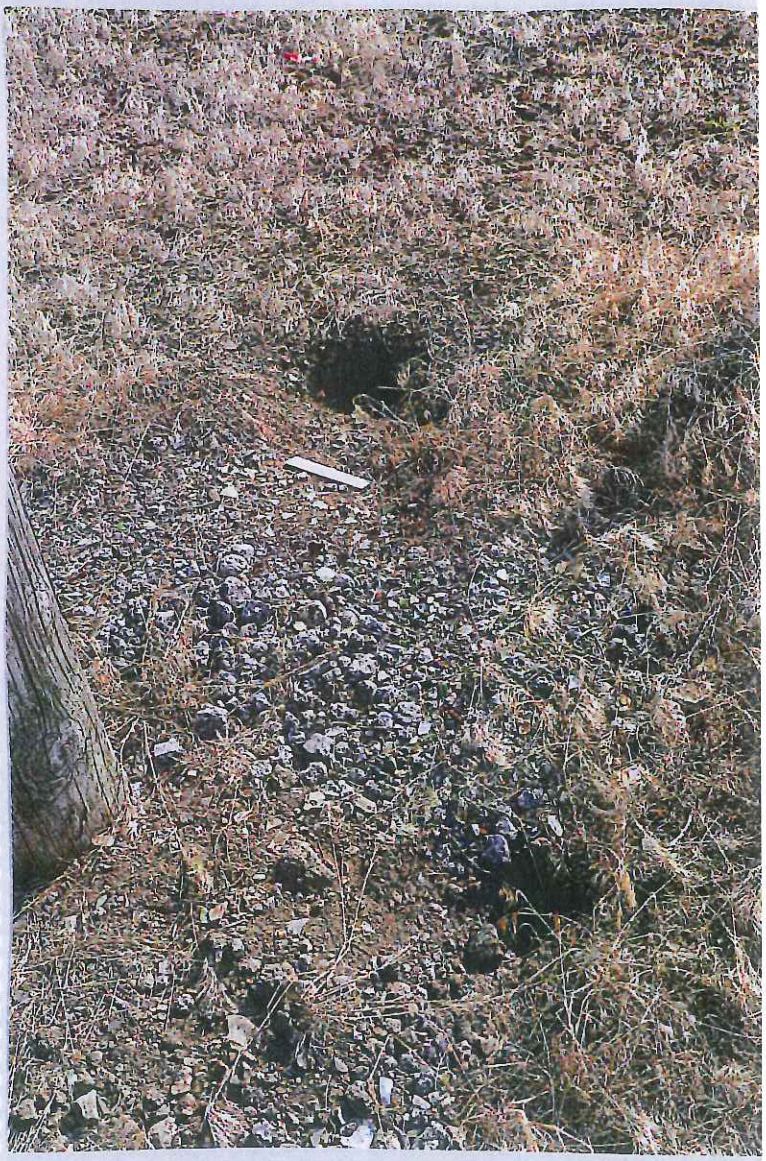
Photographed by Michael Carlson
June 24, 2013 - afternoon

#26: Ground at upper part of lower slope of east bank of Primary Lagoon approximately 45 feet south of TVT bridge & 3 feet east of water's edge. Note dropping of possible European Starling and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#27: Ground at lower slope of east central bank of Primary Lagoon approximately 45 feet north of TVT bridge & 2.5 feet east of water's edge. Note scats of Canada Goose and inch ruler for sizing.



SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#28: East bank of Primary Lagoon, looking south from upper mid-slope of east bank of Primary Lagoon approximately 45 feet north of utility pole. Note deterrent fencing & air-dancer in-place. Also lack of vegetation.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#29: East bank of Primary Lagoon, looking north from mid-slope of east bank of Primary Lagoon approximately 45 feet north of utility pole. Note fencing, air-dancer, netting, Mylar ribbons, & Terror-Eyes™ balloon in-place.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#30: Ground at top of southwest bank of Secondary Lagoon immediately northwest of utility pole, looking west-southwest from same. Note Woodchuck burrow entrances; white rectangle is 6-inch inch ruler for sizing.

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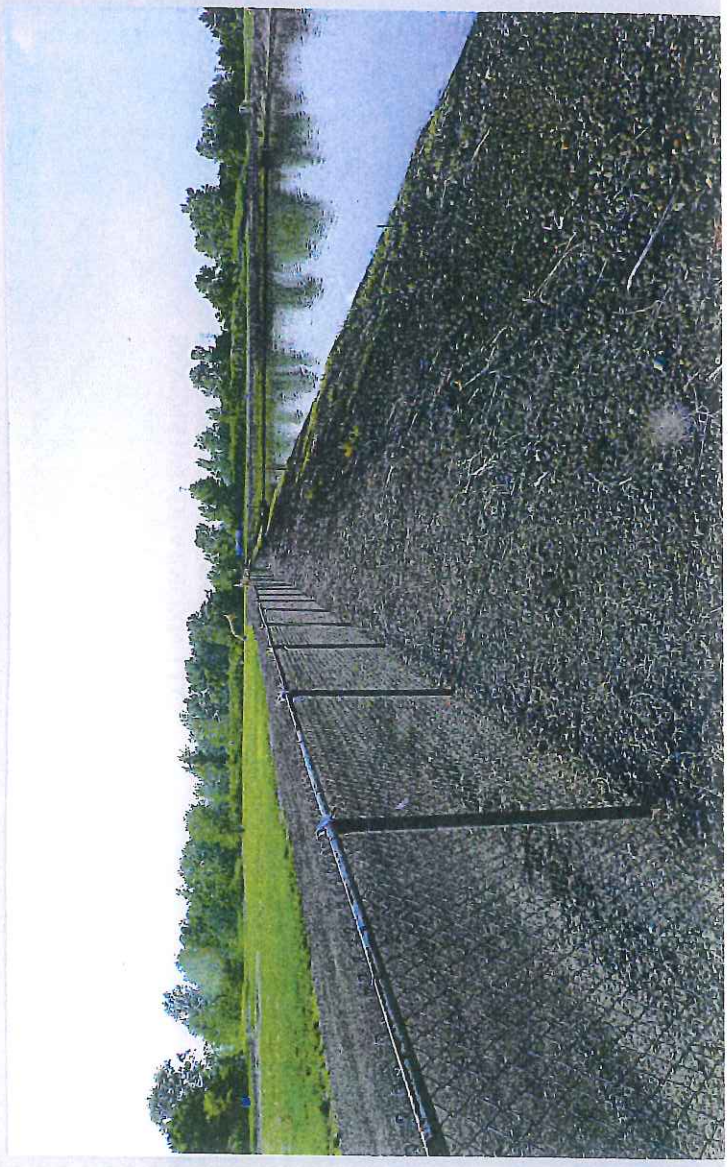


SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#31: Ground at top of south bank of Primary Lagoon, approximately 15 feet west of southeast corner of Primary Lagoon fence and 2.5 feet north of fence. Note feather of probable Herring Gull & inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

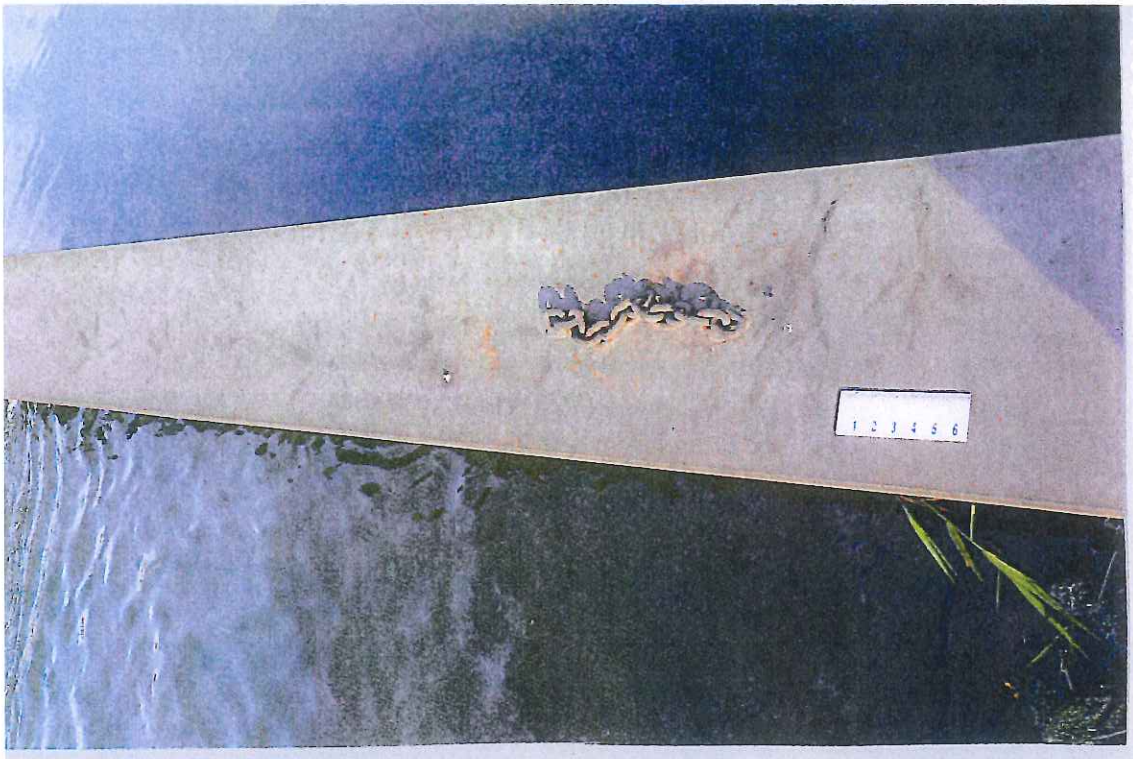
Photographed by Michael Carlson
June 24, 2013 - afternoon

#32: Ground at top of south bank of Primary Lagoon, approximately 8 feet east of southwest corner of Primary Lagoon fence and 3 feet north of fence. Note scats of Eastern Cottontail and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#33: West bank of Primary Lagoon, looking north-northwest from approximately 75 feet northwest of the southwest corner of lagoon. Note Mylar ribbons & air-dancer in-place. Also very little vegetation on bank.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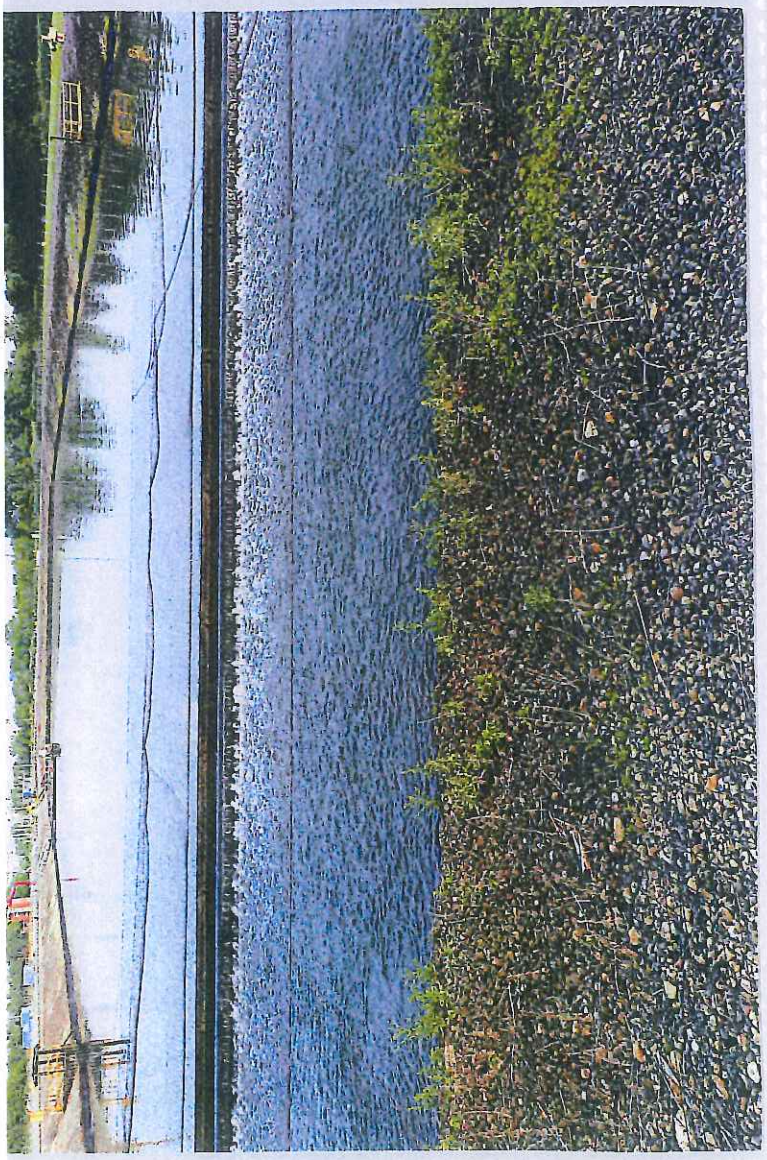

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SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#34: Top of west portion of baffle at the south end of the Primary Lagoon, looking down & east from the far west end of the baffle. Note Great Blue Heron tracks and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#35: Primary Lagoon, looking south from north central side of lagoon immediately north of Primary Lagoon deterrent fence. Note netting, propane cannon, & air-dancer in-place. Also weir, hoist, & TVT (left background).

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#36: Surface of north side of road north of Diked Lagoon approximately 15 feet west of Station No. 5, looking down and north. Note Eastern Cottontail scats and inch ruler for sizing.

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
June 24, 2013 - afternoon

#37: Ground of plain west of Primary Lagoon approximately 10 feet due south of lone tree, looking down and east from same. Note feather of probable Common Grackle and inch ruler for sizing.

APPENDIX B

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD June 1 to June 30, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG*

Inspections	#Bird Observations	Overflights	Interest Shown	Location	Number of Horn Blasts	Result
141	469	3	50	Near Primary Lagoon, near Secondary Lagoon, near Diked Lagoon, and near Bermed Area.	262	Flew away. Some birds flew away and then come back or flew to another area after horn blasts.

*During dawn and dusk inspections

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Bank Cover Oiled	Cannon Operating	Any concern with Vegetaion, Balloons, Mylar Ribbons or Air Dancers	Exposed Wildlife Observed
None	30 days	30 days	No	None

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil Not Captured (by Skimmers)						
Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Oil Contained	Comments	
No	No	No	No	Yes	Oil not captured by skimmers is removed by on-call contractor	

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
6/1									
	8:30PM	Y	Y	Y	Y	N	N	N	S.H.
6/1	9:00 AM	Y	Y	Y	Y	N	N	N	DT
	1:00 PM	Y	Y	Y	Y	N	N	N	DT
6/2	5:35AM.	Y	Y	Y	Y	N	N	N	D.C.
	9:00pm	Y	Y	Y	Y	N	N	N	S.H.
6/2	9:00AM	~~A~~ Y	Y	Y	Y	N	N	N	DT
	1:00 PM	Y	Y	Y	Y	N	N	N	DT
6-3	5:15AM.	Y	Y	Y	Y	N	N	N	D.C.
	6:50Pm	Y	Y	Y	Y	N	N	N	WW
6/3	9:00AM	Y	Y	Y	Y	N	N	N	DT
	1:00 PM	Y	Y	Y	Y	N	N	N	DT
6-4	5:30	Y	Y	Y	Y	N	N	N	D.C.
	9:03 PM	Y	Y	Y	Y	N	N	N	WW
6/4	9:30AM	Y	Y	Y	Y	N	N	N	DT
	1:00PM	Y	Y	Y	Y	N	N	N	DT
6/5	5:38AM	Y	Y	Y	Y	N	N	N	YMH
	9:00pm	Y	Y	Y	Y	N	N	N	LP

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
6/5	9:00 AM	Y	Y	Y	Y	N	N	N	RC
	1:00 PM	Y	Y	Y	Y	N	N	N	RC
6/6	5:35 A.M.	Y	Y	Y	Y	N	N	N	D.C.
	9:00 PM	Y	Y	Y	Y	N	N	N	RC
6/6	9:00 AM	Y	Y	Y	Y	N	N	N	RC
	1:00 PM	Y	Y	Y	Y	N	N	N	RC
6-7	5:43 AM	Y	Y	Y	Y	N	N	N	MJ
	9:00 PM	Y	Y	Y	Y	N	N	N	LP
6/7	9:00 AM	Y	Y	Y	Y	N	N	N	RC
	1:00 PM	Y	Y	Y	Y	N	N	N	RC
6-8	5:40 AM	Y	Y	Y	Y	N	N	N	MJ
	9:40 PM	Y	Y	Y	Y	N	N	N	S.H.
6/8	9:00 AM	Y	Y	Y	Y	N	N	N	RC
	1:00 PM	Y	Y	Y	Y	N	N	N	RC
6-9	5:40 AM	Y	Y	Y	Y	N	N	N	MJ
	9:15 PM	Y	Y	Y	Y	N	N	N	S.H.
6/9	9:00	Y	Y	Y	Y	N	N	N	[illegible]
	1:00	Y	Y	Y	Y	N	N	N	[illegible]

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
6/10	5:50 A.M	Y	Y	Y	Y	N	N	N	D.C.
	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/10	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	9:15 PM	Y	Y	Y	Y	N	N	N	S.H.
6-11	5:50 A.M	Y	Y	Y	Y	N	N	N	D.C.
	9:00 AM	Y	N	Y	Y	UNDER ROPE - SOUTH OF #40 MI NOTIFIED - INLAND WATERS PICKED UP 6-11	N	N	[illegible]
6/11	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	8:55 PM	Y	Y	Y	Y	N	N	N	WJ
6-12	05:45 AM	Y	Y	Y	Y	N	N	N	[illegible]
	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/12	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	8:46 PM	Y	Y	Y	Y	N	N	N	WJ
6-13	05:40 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/13	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
6/13	9:04 PM	Y	Y	Y	Y	N	N	N	WJ

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
6-14	0540AM	Y	Y	Y	Y	N	N	N	MH
	9:00 PM	Y	Y	Y	Y	N	N	N	WW
6/14	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
6-15	0545AM	Y	Y	Y	Y	N	N	N	MH
	9:15 pm	Y	Y	Y	Y	N	N	N	CP
6/15	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
6-16	0540AM	Y	Y	Y	Y	N	N	N	MH
	9:18 PM	Y	Y	Y	Y	N	N	N	WG
6/16	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
6-17	0545AM	Y	Y	Y	Y	N	N	N	MH
	9:45 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/17	2:30 PM	Y	Y	Y	Y	N	N	N	[illegible]
	9:15 pm	Y	Y	Y	Y	N	N	N	WG
6-18	0545AM	Y	Y	Y	Y	N	N	N	MH
	9:30	Y	Y	Y	Y	N	N	N	[illegible]

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
6/18	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	9:15 pm	Y	Y	Y	Y	N	N	N	LP
6-19	545 AM	Y	Y	Y	Y	N	N	N	[illegible]
	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/19	2:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	9:38 PM	Y	Y	Y	Y	N	N	N	WW
6-20	545 AM	Y	Y	Y	Y	N	N	N	[illegible]
	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/20	2:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	9:12 PM	Y	Y	Y	Y	N	N	N	WW
6-21	545 AM	Y	Y	Y	Y	N	N	N	[illegible]
	8:36 PM	Y	Y	Y	Y	N	N	N	WW
6/21	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
6-22	540 AM	Y	Y	Y	Y	N	N	N	[illegible]
	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/22	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	9:00 pm	Y	Y	Y	Y	N	N	N	LP

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
6-23	550 AM	Y	Y	Y	Y	N	N	N	MA
	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/23	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	8:50 pm	Y	Y	Y	Y	N	N	N	LP
6-24	540 AM	Y	Y	Y	Y	N	N	N	MA
	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/24	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	9:20 Pm	Y	Y	Y	Y	N	N	N	WG
6-25	540 AM	Y	Y	Y	Y	N	N	N	MA
	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/25	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	9:15 Pm	Y	Y	Y	Y	N	N	N	WG
6-26	545 AM	Y	Y	Y	Y	N	N	N	MA
	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]
6/26	1:00 PM	Y	Y	Y	Y	N	N	N	[illegible]
	9:00 pm	Y	Y	Y	Y	N	N	N	LP
6-27	545 AM	Y	Y	Y	Y	N	N	N	MA
	9:00 AM	Y	Y	Y	Y	N	N	N	[illegible]

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
6/27	1:00 Pm	Y	Y	Y	Y	N	N	N	DT
	9:00 pm	Y	Y	Y	Y	N	N	N	LP
6-28	5:41	Y	Y	Y	Y	N	N	N	D.C.
	9:00 Am	Y	Y	Y	Y	N	N	N	DT
6/28	1:00 Pm	Y	Y	Y	Y	N	N	N	DT
	8:52 Pm	Y	Y	Y	Y	N	N	N	WG
6-29	5:15 AM	Y	Y	Y	Y	N	N	N	D.C.
	9:00 Am	Y	Y	Y	Y	N	N	N	DT
6/29	1:00 Pm	Y	Y	Y	Y	N	N	N	DT
	9:pm	Y	Y	Y	Y	N	N	N	WW
6-30	5:45 AM	Y	Y	Y	Y	N	N	N	D.C.
	9:00 AM	Y	Y	Y	Y	N	N	N	DT
6/30	1:00 Pm	Y	Y	Y	Y	N	N	N	DT
	9:38 Pm	Y	Y	Y	Y	N	N	N	WG
X									
X									

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																	Inspector (Initials)
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	
2013		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
6/1																			
	8:30PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	S.H.
6/1	9:00AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00Pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6-2	5:38AM.	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:00PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	S.H.
6/2	9:00Am	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00Pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6-3	5:15A.M.	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	8:50PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
6/3	9:00Am	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00Pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6-4	5:30A.M.	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:03PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
6/4	9:30Am	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00Pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
2013		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
6-5-13	5:38 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MH
	9:00 pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
6/5	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/6	5:35 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.G.
	9:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/6	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6-7	5:43 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MH
	9:00 pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
6/7	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6-8	5:40 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MH
	9:40 pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	S.H.
6/8	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																	
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
6-9	5:40 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MY
	9:15 pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	S.H.
6/9	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
6-10	5:50 AM.	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	JT
6/10	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	JT
	9:15 pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	S.H.
6-11	5:50 AM.	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
6/11	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
	8:55 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
6-12	05:50 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MY
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
6/12	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	JT
	8:46 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW

RAIN

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
6-13	0540AM	Y		Y		N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	YMH
6/13	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
6/13	9:04PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
6-14	0540AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YMH
	9:00PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
6/14	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
6-15	0545AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YMH
	9:15pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
6/15	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
6-16	0540AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YMH
	9:18PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
6/16	7:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
6-17	0545 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MY
	9:45 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/17	2:30 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:15 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
6-18	0545 AM	Y		Y		N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MY
	9:30 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/18	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:15 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	CP
6-19	545 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MY
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/19	2:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:38 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
6-20	545 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	MY
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
6/20	~~6:00~~ 2:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:12 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
6/21	5:45 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	8:36 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
6/21	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/22	5:40 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/22	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:00 pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
6/23	5:50 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/23	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	8:50 pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
6/24	5:40 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
6/24	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	9:30 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WG
6/25	5:40 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YMH
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/25	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:15 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WG
6-26	5:45 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	YMH
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/26	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
6-27	5:45 AM	Y		Y		N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	YMH
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
6/27	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]
	9:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
6-28	5:41	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	[illegible]

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																Inspector (Initials)
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
6/28	1:00 Pm	Y		Y		Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	DL
	8:52 Pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	WG
6-29	5:15 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:00 Am	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DL
6/29	1:00 Pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DL
	9:00 Pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WG
6-30	5:45 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
	9:00 Am	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DL
6/30	1:00 Pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DL
	9:38 Pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WG
7-1	5:55 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
X																		
X																		

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SRWWTP - WILDLIFE ACTIVITY LOG

Date 2013	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
6-1				SL S P D B	I A O E					
6-1	8:15 Am	American Robins	2	SL S (P) D B	I (A) O E	1	Flew Away	No	No	DT
6-1	8:15 Am	Kill Deer	2	SL S P D (B)	I (A) O E	2	Flew Away	No	No	DT
6-1	9:00 Am	American Gold Finch	1	SL S P (D) B	I A O (E)	1	Flew Away	No	No	DT
6-1	1:00 Pm	Great Blue Heron	1	SL (S) P D B	I (A) O E	2	Flew Away	No	No	DT
6-1	8:30 PM	Robin	1	SL S (P) D B	I A O (E)	1	Flew Away	No	No	S.H.
6-2	5:38AM	Kill Deer	2	SL (S) P D B	I A O (E)	1	Flew Away	No	No	D.C.
6-2	9:00 Am	Kill Deer	1	SL (S) P D B	I A O (E)	1	Flew Away	No	No	DT
6-2	9:00 Am	Common Grackle	1	SL S P (D) B	I A O (E)	1	Flew Away	No	No	DT
6-2	9:00 Am	Mourning Doves	2	SL S P D (B)	I A O (E)	1	Flew Away	No	No	DT
6-2	1:00 Pm	Kill Deer	2	SL S P D (B)	I A O (E)	N	Flew Away	No	No	DT
6-2	1:00 Pm	American Robin	2	SL S P D (B)	I A O (E)	N	Flew Away	No	No	DT
6-2	1:00 Pm	Great Blue Heron	1	SL S P (D) B	I A (O) E	N	Flew Away	No	No	DT
6-2	9:00pm	King fisher	1	SL (S) P D B	I (A) O E	2	Flew Away	No	No	S.H.
6-3	5:15AM.	Kill Deer	4	SL S (P) D B	I A O (E)	1	Flew Away	No	No	D.C.
6-3	5:15A.M.	Great Blue Heron	1	SL S (P) D B	I (A) O E	3	Flew Away	No	No	D.C
6-3	5:15A.M	Great Blue Heron	1	SL S (P) D B	I A O (E)	1	Flew Away	No	No	D.C.
6-3	9:00 Am	Kill Deer	3	SL (S) P D B	I A O (E)	1	Flew Away	No	No	DT
6-3	9:00 Am	Robin	1	SL S (P) D B	I A O (E)	1	Flew Away	No	No	DT
6-3	1:00 Pm	Kill Deer	2	SL S (P) D B	I A O (E)	1	Flew Away	No	No	DT
6-3	1:00 Pm	Sparrow	1	SL S P D (B)	I A O (E)	1	Flew Away	No	No	DT
6-3	8:50PM	Robin	1	SL S (P) D B	I (A) O E	1	Flew Away	No	No	WW

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
6-4	5:30AM	Common Grackle	1	SL S (P) D B	I A O (E)	1	Flew Away	NO	NO	D.C.
6-4	5:30AM	Great Blue Heron	1	SL S (P) D B	I (A) O E	3	Flew Away	NO	NO	D.C.
6-4	5:30AM	Great Blue Heron	1	SL (S) P D B	I (A) O E	3	Flew Away	NO	NO	DC
6-4	9:30 AM	SPARROW	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	DT
6-4	9:30 AM	MOURNING DOVES	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	DT
6-4	9:30 AM	KILLDEER	2	SL S P D (B)	I A O (E)	1	FLEW AWAY	NO	NO	DT
6-4	1:00 PM	KILLDEER	1	SL S P D (B)	I A O (E)	1	FLEW AWAY	NO	NO	DT
6-4	9:03 PM	RED WING BLACK BIRD	1	SL S (P) D B	I (A) O E	1	FLEW AWAY	NO	NO	WW
6-5	5:38AM	GREAT BLUE HERON		SL (S) P D B	I (A) O E	1	FLEW AWAY	NO	NO	MT
6/5	7:40 AM	GREAT BLUE HERON	1	SL S (P) D B	I (A) O E	0	FLEW AWAY	NO	NO	RC
6/5	8:05 AM	GREAT BLUE HERON	1	SL S (P) D B	I A (O) E	1	FLEW AWAY	NO	NO	RC
6/5	9:00 AM	KILLDEER	4	SL S (P) D B	I A O (E)	8	FLEW AWAY	NO	NO	RC
6/5	9:00 AM	MOURNING DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/5	9:00 AM	AMERICAN ROBIN	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/5	12:40 PM	KILLDEER	3	SL S (P) D B	I A O (E)	4	FLEW AWAY	NO	NO	RC
6/5	1:00 PM	KILLDEER	1	SL S (P) D B	I A O (E)	7	NOTHING	NO	NO	RC
6/5	3:20 PM	GREAT BLUE HERON	2	SL S (P) D B	I A O (E)	0	FLEW AWAY	NO	NO	RC
6/5	6:00 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	NO	NO	RC
6/5	9:09 PM	American Robin	1	SL S (P) D B	I (A) O E	4	Flew Away	NO	NO	LP
6/6	5:35AM	Killdeer	2	SL (S) P D B	I A O (E)	0	Flew Away	NO	NO	D.C
6/6	5:35A.M.	Mourning Dove	1	SL S (P) D B	I A O (E)	0	Flew Away	NO	NO	D.C.
6/6	5:35AM.	Redwinged Black Bird		SL S P (D) B	I A O (E)	2	Flew Away	NO	NO	D.C.

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[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
6/6	8:00 AM	KILLDEER	5	SL S (P) D B	I A O (E)	6	FLEW AWAY	NO	NO	RC
6/6	9:00 PM	KILLDEER	6	SL S (P) D B	I A O (E)	3	FLEW AWAY	NO	NO	RC
6/6	9:05 AM	AMERICAN ROBIN	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/6	9:10 AM	MOURNING DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/6	1:05 AM	KILLDEER	2	SL (S) P D B	I A O (E)	4	FLEW AWAY	NO	NO	RC
6/6	9:00 PM	KILLDEER	1	SL S P D (B)	I A O (E)	0	FLEW AWAY	NO	NO	RC
6-7	5:45 AM	KILLDEER	1	SL S P D (B)	I A O (E)	3	FLEW AWAY	NO	NO	MEA
6/7	9:15 AM	KILLDEER	3	SL S (P) D B	I A O (E)	4	FLEW AWAY	NO	NO	RC
6/7	9:20 AM	AMERICAN ROBIN	1	SL S (P) D B	I A O (E)	3	FLEW AWAY	NO	NO	RC
6/7	1:10 PM	KILLDEER	4	SL S (P) D B	I A O (E)	8	FLEW AWAY	NO	NO	RC
6/7	1:15 PM	AMERICAN ROBIN	1	SL S (P) D B	I (A) O E	2	FLEW AWAY	NO	NO	RC
6/7	1:15 PM	MOURNING DOVE	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/7	2:05 PM	AMERICAN ROBIN	1	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6-8	5:40 AM	KILLDEER	1	SL S P (D) B	I A O (E)	0	FLEW AWAY	NO	NO	MEA
6/8	7:50 AM	KILLDEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/8	9:05 AM	KILLDEER	7	SL S (P) D B	I A O (E)	8	FLEW AWAY	NO	NO	RC
6/8	9:10 AM	AMERICAN ROBIN	4	SL S (P) D B	I A O (E)	9	FLEW AWAY	NO	NO	RC
6/8	9:55 AM	COMMON GRACKLE	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/8	9:55 AM	KILLDEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/8	12:55 PM	AMERICAN ROBIN	5	SL (S) P D B	I A O (E)	0	FLEW AWAY	NO	NO	RC
6/8	1:10 PM	KILLDEER	2	SL (S) P D B	I A O (E)	6	RAN AWAY	NO	NO	RC
6/8	9:40 PM	KILLDEER	3	SL S (P) D B	I A O (E)	3	FLEW AWAY	NO	NO	S.H.

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
6-9	5:40AM	KILLDEER + Robin	2	SL S P (D) B	I A O (E)	0	FLEW AWAY	NO	NO	[illegible]
6-9	9:00AM	KILL DEER	2	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-9	10:00AM	Duck	1	SL (S) P D B	(I) A O E	1	FLEW AWAY	NO	NO	[illegible]
6-9	1:00PM	Kill DEER	2	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6/9	9:15pm	Killdeer + Robin	2	SL (S) P D B	I A O (E)	3	FLEW AWAY	NO	NO	S.H.
6/10	5:50AM	Red winged Blackbird	2	(SL) S P D B	(I) A O E	2	Flew Away	NO	NO	D.C.
6/10	5:50AM	Killdeer	1	SL (S) P D B	I (A) O E	0	Flew Away	NO	NO	D.C.
6-10	9:00AM	KILLDEER	2	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-10	9:00AM	Robins	4	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-10	1:00PM	KILLDEERS	3	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-10	1:00PM	ROBINS	4	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6/11	9:15pm	Morning Dove	3	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	S.H.
6/11	5:50AM	KillDeer	4	SL S P (D) B	I A O (E)	4	Flew Away	NO	NO	D.C.
6/11	5:50AM	Robin	1	SL (S) P D B	I (A) O E	0	Flew Away	NO	NO	D.C.
6-11	9:00AM	MORNING DOVE	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-11	9:00AM	KILLDEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-11	9:10AM	RED WINGED BLACK BIRD	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-11	5:00PM	COMMON BLACK HAWK	1	(SL) S P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-11	8:55PM	KILLDEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-12	6:45AM	KILLDEER MORNING DOVE	4	SL S P (D) B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-12	7:45AM	GREAT BLUE HERON	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-12	9:00AM	GREAT BLUE HERON	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]

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6-12	9:00 AM	KILLDEERS	2	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-12	9:00 AM	MORNING DOVES	2	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-12	1:00 PM	KILL DEERS	2	SL S P D (B)	I A O (E)	1	NO EFFECT	NO	NO	[illegible]
6-12	1:25 PM	RED WINGED BLACK BIRD	1	SL (S) P D B	I A O (E)	1	NO EFFECT	NO	NO	[illegible]
6-12	8:46 PM	GREAT BLUE HERON	1	SL (S) P D B	I A O E	3	FLEW AWAY	NO	NO	WW
6-13	05:40 AM	KILL DEERS	1	SL (S) P D B	I A O E	0	FLEW AWAY	NO	NO	MH
6/13	8:18 AM	KILLDEER	4	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/13	8:12 AM	REDWINGED BLACKBIRD	3	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/13	8:12 AM	COMMON GRACKLE	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/13	8:14 AM	MOURNING DOVE	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/13	9:08 AM	REDWINGED BLACKBIRD	3	SL S (P) D B	I A O (E)	3	FLEW AWAY	NO	NO	RC
6/13	9:00 AM	MOURNING DOVE	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/13	9:00 AM	KILLDEER	4	SL (S) P D B	I A O (E)	4	FLEW AWAY	NO	NO	RC
6/13	9:00 AM	AMERICAN ROBIN	2	SL (S) P D B	I A O (E)	5	FLEW AWAY	NO	NO	RC
6/13	10:08 AM	KILLDEER	3	SL S (P) D B	I A O (E)	5	FLEW AWAY	NO	NO	RC
6/13	10:08 AM	COMMON GRACKLE	4	SL S (P) D B	I A O (E)	5	FLEW AWAY	NO	NO	RC
6/13	10:08 AM	MOURNING DOVE	1	SL S (P) D B	I A O (E)	5	FLEW AWAY	NO	NO	RC
6/13	10:08 AM	AMERICAN ROBIN	2	SL S (P) D B	I A O (E)	5	FLEW AWAY	NO	NO	RC
6/13	11:05 AM	MOURNING DOVE	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/13	1:00 PM	KILLDEER	7	SL S (P) D B	I A O (E)	0	FLEW AWAY	NO	NO	RC
6/13	9:04 PM	ROBIN	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	NO	NO	WW
6-14	05:40 AM	GREAT BLUE HERON	1	SL (S) P D B	I A O E	0	FLEW AWAY	NO	NO	MH

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6/14	8:01 AM	GREAT blue HERON	1	SL S (P) D B	I A (O) E	0	FLEW AWAY	NO	NO	RC
6/14	8:10 AM	KILLDEER	3	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/14	9:07 AM	KILLDEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/14	9:16 AM	KILLDEER	2	(SL) S P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/14	10:01 AM	KILLDEER	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/14	10:05 AM	MOURNING DOVE	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/14	1:08 PM	KILLDEER	6	SL S (P) D B	I A O (E)	7	FLEW AWAY	NO	NO	RC
6/14	9:00PM	MOURNING DOVE	3	SL S (P) D B	I A O (E)	3	FLEW AWAY	NO	NO	WN
6/15	5:45AM	KILLDEER MORNING DOVE	2	SL S P (D) B	I A O (E)	1	FLEW AWAY	NO	NO	YMA
6/15	8:11 AM	KILLDEER	3	SL S (P) D B	I A O (E)	3	FLEW AWAY	NO	NO	RC
6/15	9:10 AM	AMERICAN ROBIN	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/15	9:10 AM	COMMON GRACKLE	6	SL (S) P D B	I A O (E)	4	FLEW AWAY	NO	NO	RC
6/15	1:08 PM	MOURNING DOVE	5	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/15	4:03 PM	KILLDEER	5	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/15	6:05 PM	KILLDEER	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/15	6:07 PM	KILLDEER	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/15	7:07 PM	COMMON GRACKLE	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/15	9:15pm	American Robin	1	SL S (P) D B	I (A) O E	1	Flew Away	NO	NO	LP
6/16	0540am	KILLDEER	1	SL S P (D) B	I A O (E)	0	FLEW AWAY	NO	NO	YMA
6/16	8:05 AM	KILLDEER	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/16	8:18 AM	COMMON GRACKLE	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/16	9:08 AM	KILLDEER	4	SL S (P) D B	I A O (E)	6	FLEW AWAY	NO	NO	RC

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6/16	9:19 AM	MORNING DOVE	2	SL S P (D) B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6/16	9:13 AM	KILLDEER	2	(SL) S P D B	I A O (E)	2	FLEW AWAY	NO	NO	[illegible]
6/16	9:48 PM	KILLDEER	3	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	DW
6-17	05:45 AM	GREAT BLUE HERON/KILLDEER	2	SL (S) P (D) B	I (A) O E	0	FLEW AWAY	NO	NO	[illegible]
6-17	9:45 AM	KILLDEER	4	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-17	2:30 PM	KILLDEER	4	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-17	9:15 PM	AMERICAN ROBIN	1	SL (S) P D B	I (A) O E	0	FLEW AWAY	NO	NO	DW
6-18	5:45 AM	GREAT BLUE HERON	1	SL (S) (P) D B	I (A) O E	3	FLEW AWAY	NO	NO	[illegible]
6-18	8:00 AM	GREAT BLUE HERON	1	SL (S) (P) D B	I (A) O E	2	FLEW AWAY	NO	NO	[illegible]
6-18	9:30 AM	KILLDEER	2	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-18	1:00 PM	KILLDEER	2	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-18	1:00 PM	ROBIN	1	(SL) S P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-18	9:18 PM	KILLDEER	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	NO	NO	LP
6-19	5:45 AM	GREAT BLUE HERON/KILLDEER	1	SL (S) P (D) B	I A O (E)	0	FLEW AWAY	NO	NO	[illegible]
6-19	9:00 AM	KILLDEER	7	SL S (P) D B	I A O (E)	4	FLEW AWAY	NO	NO	[illegible]
6-19	9:15 AM	MORNING DOVE	2	SL S P D (B)	I A O (E)	2	FLEW AWAY	NO	NO	[illegible]
6-19	2:00 PM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	NO	NO	[illegible]
6-19	2:00 PM	ROBIN	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-19	9:38 PM	KILLDEER	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	DW
6-20	5:45 AM	GREAT BLUE HERON	1	SL (S) (P) D B	I A O (E)	4	FLEW AWAY	NO	NO	[illegible]
6-20	7:45 AM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	NO	NO	[illegible]
6-20	9:00 AM	KILLDEER	3	SL S P D (B)	I A O (E)	2	FLEW AWAY	NO	NO	[illegible]

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Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
6-20	2:00 PM	Kill DEER	2	SL S P D (B)	I A O (E)	2	FLEW AWAY	NO	NO	[illegible]
6-20	9:12 PM	KILL DEER	4	SL (S) P D B	I (A) O E	3	FLEW AWAY	NO	NO	WW
6-21	5:45 AM	KILL DEER	4	SL (S) P (D) B	I A O (E)	4	FLEW AWAY	NO	NO	[illegible]
6/21	8:01 AM	GREAT BLUE HERON	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	NO	NO	RC
6/21	8:15 AM	MOURNING DOVE	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/21	8:16 AM	AMERICAN ROBIN	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/21	9:04 AM	KILLDEER	7	SL S (P) D B	I A O (E)	10	FLEW AWAY	NO	NO	RC
6/21	9:58 AM	KILLDEER	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/21	10:01 AM	MOURNING DOVE	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/21	1:06 PM	AMERICAN ROBIN	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	NO	NO	RC
6/21	1:09 PM	KILLDEER	1	SL (S) P D B	I A O (E)	4	FLEW AWAY	NO	NO	RC
6/31	8:36 PM	KILLDEER	3	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	WW
6-22	5:40 AM	GREAT BLUE HERON	1	SL (S) P D B	I A O (E)	0	FLEW AWAY	NO	NO	[illegible]
6/22	8:16 AM	MOURNING DOVE	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/22	8:17 AM	KILLDEER	7	SL S (P) D B	I A O (E)	12	NOTHING	NO	NO	RC
6/22	9:04 AM	AMERICAN ROBINS	2	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
6/22	9:08 AM	KILLDEER	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/22	1:05 PM	AMERICAN ROBIN	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/22	7:08 PM	COMMON GRACKLE	4	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
6/22	9:05	American Robin	2	SL S (P) D B	I (A) O E	1	Flew Away	NO	NO	LP
6-23	5:30 AM	KILLDEER	1	SL S P (D) B	I A O (E)	0	FLEW AWAY	NO	NO	[illegible]
6/23	8:13 AM	COMMON GRACKLE	3	SL (S) P D B	I A O (E)	0	FLEW AWAY	NO	NO	RC

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ONE 6 MONTH

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
6/28	7:45 AM	2 MOURNING DOVES	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
5/28	7:45 AM	AMERICAN ROBIN	2	SL S (P) D B	I (A) O E	1	FLEW AWAY	NO	NO	RC
5/28	9:00 AM	AMERICAN ROBINS	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
5/28	1:08 PM	KILLDEER	1	SL (S) P D B	I (A) O E	2	FLEW AWAY	NO	NO	RC
5/28	1:08 PM	AMERICAN ROBIN	1	SL S (P) D B	I A O (E)	4	FLEW AWAY	NO	NO	RC
5/28	8:15 pm	Kill Deer	1	SL (S) P D B	I (A) O E	1	Flew Away	NO	NO	CP
5/29	5:20 AM	Red lined Blackbird	2	SL S P (D) B	I (A) O E	2	Flew away	NO	NO	D.C.
5/29	7:44 AM	COMMON GRACKLE	3	SL S P D (B)	I A O (E)	0	NOTHING	NO	NO	RC
5/29	7:45 AM	RABBIT	1	SL S P D (B)	I A O (E)	0	RAN AWAY	NO	NO	RC
5/29	7:55 AM	GREAT BLUE HERON	2	SL (S) P D B	I (A) O E	3	FLEW AWAY	NO	NO	RC
5/29	8:00 AM	KILLDEER	2	SL S (P) D B	I A O (E)	5	FLEW AWAY	NO	NO	RC
5/29	9:00 AM	KILLDEER	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
5/29	1:00 PM	AMERICAN ROBIN	3	SL S (P) D B	I A O (E)	6	FLEW AWAY	NO	NO	RC
5/29	1:00 PM	COMMON GRACKLE	1	(SL) S P D B	I (A) O E	4	FLEW AWAY	NO	NO	RC
5/30	5:15 AM	Kill Deer	4	SL (S) P D B	I A O (E)	3	Ran Away	NO	NO	D.C.
5/30	5:15 AM	Great Blue Heron.	1	SL (S) P D B	I (A) O E	4	Flew Away	NO	NO	D.C.
5/30	7:55 AM	COMMON GRACKLE	2	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
5/30	7:55 AM	AMERICAN ROBIN	6	SL S (P) D B	I (A) O E	1	FLEW AWAY	NO	NO	RC
5/30	7:55 AM	KILLDEER	1	SL (S) P D B	I A O (E)	3	FLEW AWAY	NO	NO	RC
5/30	9:00 AM	AMERICAN ROBINS	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
5/30	9:00 AM	KILLDEER	1	SL S (P) D B	I A O (E)	3	NOTHING	NO	NO	RC
5/30	1:08 PM	COMMON GRACKLE	5	SL (S) P D B	I A O (E)	0	FLEW AWAY	NO	NO	RC

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SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
6/23	8:13 AM	American Robin	2	SL S (P) D B	I A O (E)	1	Flew Away	No	No	RC
6/23	9:05 AM	Killdeer	6	SL S (P) D B	I A O (E)	7	Flew Away	No	No	RC
6/23	9:07 AM	American Robin	2	SL S (P) D B	I A O (E)	1	Flew Away	No	No	RC
6/23	11:00 AM	Ground Hog	1	SL (S) P D B	I A O (E)	1	Ran in Hole	No	No	RC
6/23	1:03 AM	Killdeer	3	SL S P (D) B	I (A) O E	2	Flew Away	No	No	RC
6/24	5:40 AM	Killdeer	2	SL S P (D) B	I A O (E)	0	Flew Away	No	No	YMJ
6/24	8:04 AM	Morning Dove	2	SL (S) P D B	I A O (E)	1	Flew Away	No	No	RC
6/24	8:10 AM	Killdeer	1	SL (S) P (D) B	I A O (E)	0	Flew Away	No	No	RC
6/24	9:10 AM	Killdeer	1	SL S (P) D B	I A O (E)	1	Flew Away	No	No	RC
6/24	9:13 AM	American Robin	1	SL S (P) D B	I A O (E)	2	Flew Away	No	No	RC
6/24	9:20 AM	American Goldfinch	3	SL S (P) D B	I A O (E)	1	Flew Away	No	No	RC
6/24	9:20 Pm	Killdeer	2	SL (S) P D B	I A O (E)	0	Flew Away	No	No	WW
6/25	5:40 AM	Great Blue Heron	1	SL (S) (P) D B	I A O (E)	3	Flew Away	No	No	YMJ
6-25	9:00 AM	Killdeer	1	SL S P D (B)	I A O (E)	1	Flew Away	No	No	JF
6-25	9:10 AM	Robin	1	(SL) S P D B	I A O (E)	1	Flew Away	No	No	JF
6/25	1:10 Pm	Killdeer	1	SL S P D (B)	I A O (E)	1	Flew Away	No	No	JF
6/25	1:15 Pm	Common Grackle	5	SL S P (D) B	I A O (E)	2	No Effect	No	No	JF
6/25	9:15 Pm	American Robin	1	SL S P (D) B	I A O (E)	0	Flew Away	No	No	WW
6/26	5:40 AM	Great Blue Heron	1	SL (S) (P) D B	I A O (E)	0	Flew Away	No	No	YMJ
6-26	9:00 AM	Kill Deer	1	SL S (P) D B	I A O (E)	1	No Effect	No	No	JF
6-26	9:00 Am	Robins	2	SL (S) P D B	I A O (E)	1	Flew Away	No	No	JF
6-26	1:00 Pm	Kill Deers	1	SL (S) P D B	I A O (E)	1	Flew Away	No	No	JF

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
6-27	5:45AM	MORNING DOVE	3	SL S P (D) B	I A O (E)	0	FLEW AWAY	NO	NO	MW
6-27	9:00 AM	KILLDEER	3	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-27	1:00 PM	KILLDEER	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-27	9:00pm	American Robin	2	SL S (P) D B	I (A) O E	1	Flew Away	NO	NO	LP
6-27	9:05pm	Kill deer	1	SL (S) P D B	I A O (E)	1	Flew Away	NO	NO	LP
6-28	5:41AM	Kill Deer	4	SL S (P) D B	I (A) O E	0	Ran Away	NO	NO	D.C.
6-28	9:00 AM	GREAT BLUE HERON	1	SL S (P) D B	I (A) O E	2	FLEW AWAY	NO	NO	[illegible]
6-28	9:00 AM	AMERICAN ROBIN	2	SL S P (D) B	I A O (E)	2	FLEW AWAY	NO	NO	[illegible]
6-28	1:00 PM	ROBINS	4	SL S P D (B)	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-28	8:52 PM	AMERICAN ROBIN	5	SL (S) P D B	I A O (E)	2	FLEW AWAY	NO	NO	MW
6-29	5:15AM	Great blue Heron	1	SL (S) P D B	I (A) O E	0	Flew Away	NO	NO	D.C
6-29	5:15AM	Kill Deer	3	SL S (P) D B	I (A) O E	1	Flew Away	NO	NO	D.C
6-29	9:00 AM	AMERICAN ROBIN	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-29	9:00 AM	MORNING DOVE	2	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-29	9:00 AM	KILL DEER	3	SL S P D (B)	I A O (E)	1	FLEW AWAY	NO	NO	[illegible]
6-29	1:00 PM	COMMON GRACKLE	6	SL S P D (B)	I A O (E)	2	FLEW AWAY	NO	NO	[illegible]
6-29	9:00PM	MORNING DOVE	2	(SL) S P D B	I A O (E)	0	FLEW AWAY	NO	NO	MW
6-30	5:45AM	Great Blue Heron	1	SL (S) P D B	I (A) O E	0	Flew Away	NO	NO	D.C
6-30	5:45AM	Robin	1	SL (S) P D B	I (A) O E	0	Flew Away	NO	NO	D.C
6-30	9:00AM	KILLDEER	2	SL (S) P D B	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-30	1:00PM	KILLDEER	2	SL (S) P D B	I A O (E)	2	NO EFFECT	NO	NO	[illegible]
6-30	9:38PM	KILLDEER	2	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	MW

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

APPENDIX C

Oil Hauling Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MID 2 9 7 7 3 6 4 3 1

2. Page 1 of 1

3. Emergency Response Phone: (780) 586-5500

4. Manifest Tracking Number: 001767549 GBF

GENERATOR

5. Generator's Name and Mailing Address
GENERAL MOTORS AMERICA
3001 MILLER ROAD
DEARBORN, MI 48121
Generator's Phone: 313 594-1075

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: CHEM WASTE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: MIR000051191

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
NITROSOLIDS LLC
5011 WYOMING AVE
DEARBORN, MI 48126
Facility's Phone: (313) 582-5080
U.S. EPA ID Number: MID981234721

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT SLUDGE, WATER			3200	P	D010
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1 SRWWTP
Approval # 7251

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lon Trask
Signature
Month 6 Day 14 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Tackett
Signature
Month 6 Day 14 Year 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: M I D 0 8 7 7 3 8 4 5 1
2. Page 1 of: 1
3. Emergency Response Phone: (734) 586-0900
4. Manifest Tracking Number: 002163825 GBF

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
9001 MILLER ROAD
DEARBORN, MI 48121 313 594-7975
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THES HOPSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: M I R 0 0 0 0 9 6 4 8 2

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
8011 WYOMING AVE
DEARBORN, MI 48126 (313)582-5092
Facility's Phone:
U.S. EPA ID Number: M I D 0 6 4 1 5 1 4 7 1

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL AND WATER	0 0 1	T T	2800	G	021L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
APPROVAL # 7951

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lon Trinh
Signature: [signature]
Month 6 Day 19 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Tackett
Signature: [signature]
Month 6 Day 19 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

MID 087 738 431

Severstal International

RECEIVED
DIVISION FRONT OFFICE
JUN 18 2013
LAND AND CHEMICALS DIVISION
U.S. EPA - REGION 5

June 13, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: May 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The May monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. This report contains the May wildlife survey report by MEC Environmental Consulting, and the operators' inspection logs. No wildlife was potentially exposed in the month of May.

It should be noted that revised daily inspection log sheets were implemented on May 28, 2013. Also, additional personnel were trained to perform the wildlife inspections on May 24, 2013.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9319
E: Jim.Earl@severstalna.com
www.severstalna.com

CONTINUING EMERGENCY MEASURES

MONTHLY PROGRESS REPORT
FOR
May 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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3.0 Inspection Findings	1
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Inspection Summary and Report Sheets	Appendix B
Oil Hauling Manifests	Appendix C

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period May 1 through May 31, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place across the East and West Sludge Ponds. New netting was installed to replace the old netting at the North end of the Primary Lagoon in April 2013. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

A Wildlife Survey was conducted on May 13, 2013 and a copy of the report is provided in Appendix A. Inspection reports show seasonal activities observed in the general area, and no significant issues at the site were identified.

On several occasions of red winged black birds, blue herons, Canada geese, killdeers, and robins were observed at near or using one of the treatment plant impoundments and were scared off with the air horns. The birds flew or ran away after horn blasts.

The summary of daily inspection findings is provided in Appendix B. Copies of the inspection reports are also provided in Appendix B. Daily Inspections show normal activities observed throughout the area.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in May. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by vacuum truck when needed.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place and propane cannons operated properly in May 2013. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence*? In May, there were observations of red winged black birds, blue herons, Canada geese, killdeers, common grackles, sparrows, mouning doves, mallard, and robins overflight or around the Bermed area. As reported, the birds flew away on its own or after horn blasts, so persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix B.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

3,000 gallons of oil-water mixture were hauled off-site in the month of May 2013. Copy of the manifest for the load is in Appendix C.

APPENDIX A

Wildlife Survey

MEC ENVIRONMENTAL CONSULTING

VIA FEDEREAL EXPRESS

June 12, 2013

Mr. James E. Earl
Severstal Dearborn, LLC.
14661 Rotunda Drive
Post Office Box 1699
Dearborn, MI 48120-1699

Subject: Schaefer Road Wastewater Treatment Plant: 2013 Wildlife Survey #3 (P. N. 00330)

Dear Jim:

I am very pleased to present the enclosed letter report for the subject project in partial fulfillment of your Purchase Order No. 621862. This survey constitutes the monthly bird survey in accordance with your Continuing Emergency Measures (CEM) Workplan in response to EPA Administrative Order Docket No. R7003-5-00-001.

The May survey was completed on Monday, May 13, 2013. A total of 45 sets of five-minute observations was made from 04:56 to 22:11 at five different stations located at significant vantage points at the Schaefer Road Wastewater Treatment Plant (SRWWTP). Observations were made at this frequency in order to ensure a complete and scientifically sound inventory, to ensure quality assurance of the data collected, and to evaluate allegations of wildlife utilization of the impoundments. Observations were both visual and aural. Visual observations were made using Zeiss FL T* 10 x 42 power binoculars. The location of the five stations designated by MEC Environmental Consulting, which have been used in previous surveys and will continue to be used in subsequent surveys, is presented in the first enclosed table.

Weather conditions varied over the period, and were influenced by a strong, but retreating low pressure system centered over Quebec and the Maritime provinces and an advancing but weak high pressure system centered over western Lake Superior early in the morning and over western Lake Erie by late evening, as well as an approaching low pressure system centered over North Dakota with a warm front extending southwest through Iowa. Barometric pressure, based on radio-broadcast readings from Detroit Metro Airport, was 30.10 in.-Hg and steady at 04:00, 30.12 in.-Hg and rising at 07:00, 30.14 in.-Hg and rising at 08:00, 30.15 in.-Hg and rising at 09:00, 30.18 in.-Hg and rising at noon, 30.18 in.-Hg and steady at 13:00, and 30.12 in.-Hg and steady at 19:00 and 20:00. Relative humidity, also based on radio broadcast National Weather Service data, was 69% at 04:00, 78% at 07:00, 67% at 08:00, 55% at 09:00, 37% at noon, 47% at 13:00, and 27% at 19:00, and 28% at 20:00. Sky conditions ranged from clear in the morning until early afternoon and then partly cloudy throughout the remainder of the period. Temperatures ranged from 32° F at 04:56, to 33° F around 05:52 and 07:01, to approximately 37° F around 09:23, to 48° F around 13:17, to approximately 56° F around 15:00, to approximately 54° F around 18:52, and to approximately 45° F around 21:19. Winds were mostly out of the northwest throughout the period except for brief periods out of the north around noon and around 22:42 when winds

1003 AMELIA AVENUE ROYAL OAK, MICHIGAN 48073-2704
VOICE: (248) 585-3800 mecec@comcast.net FAX: (248) 585-8404

shifted to out of the south. Wind speed generally increased throughout the period from approximately 5-8 mph until around 09:00, and then 15-20 mph with briefly higher gusts until around 18:52 when wind speed diminished to approximately 5-10 mph. There was no precipitation. A new moon was visible high in the western sky around 20:55. Sunrise was at 06:13; sunset was at 20:46.

A total of 27 bird species was observed within the fenceline of the SRWWTP. This species total is seven fewer than the May mean of 34. Although the survey was conducted at the usual peak of the spring migration, unseasonably cool temperatures and strong north-northwest winds over the past several days delayed the arrival of more avian migrants. Despite this fact, a number of migrants were observed which had arrived ahead of the cold front that passed through the region the previous Saturday night. Thus, the disparity in species diversity between what was observed and the monthly 13-year mean indicates that the wildlife control measures being maintained at the SRWWTP are effective. Moreover, no individuals were observed on or in any treatment pond or lagoon.

No non-human mammalian species were observed during the survey.

One reptilian species was observed during the survey: Painted Turtle (*Chrysemys picta*). At 10:05 two Painted Turtles were observed to sun at the water's edge on the west side of the dogleg of the bermed area. The turtles were viewed though binoculars and did not appear to be oiled. At 16:07 one individual was observed in the water of the northwest side of the Diked Lagoon approximately 50 feet east of the northwest corner and approximately 2 feet south of the shoreline. The turtle was observed to walk north on the bottom of the lagoon and then to stick its head above the surface of the water. After about 30 seconds, when the wildlife specialist moved to access the camera, the turtle quickly retracted its head and ran into deeper water. The turtle was observed through binoculars. It did not appear to be oiled, and no oil was observed on the surface of this section of the Diked Lagoon.

Two amphibian species were observed during the survey: Western Chorus Frog (*Pseudacris triseriata*) and Green Frog (*Rana clamitans*). At 17:09 the splash of a probable Green Frog was heard as it jumped into the water of the Primary Lagoon from the south central shoreline. At 19:20 approximately three Western Chorus Frogs were observed to vocalize in the dogleg of the bermed area. At 19:25 two Green Frogs were observed to vocalize in the dogleg of the bermed area. At 20:19 and 20:42 approximately five Western Chorus Frogs were observed to vocalize in the dogleg of the bermed area. None of these individuals were actually seen.

The entire shoreline of each treatment lagoon was systematically checked at least once during the day. Only the shorelines of the Primary Lagoon (except the north bank and the northwest end under the net), Diked Lagoon, sludge ponds (except for the inaccessible west side of the West Sludge Pond) and the south side of the Secondary Lagoon, however, were walked due to the fact that these were moderately sloped compared to the steep slopes of the rest of the impoundments. The shorelines of the steeply-sloped impoundments not walked were searched from top of grade from several angles using binoculars. Animal sign observed during this search is summarized in the third enclosed table. Photographs, including those of animal sign, are enclosed.

No carcasses or remains were found.

If you have any questions regarding this report please call me at (248) 585-3800. Thank you for choosing MEC Environmental Consulting for your wildlife management needs.

Sincerely yours,

MEC ENVIRONMENTAL CONSULTING

J Beasley / for

Michael E. Carlson
Principal

enclosures

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY STATIONS

No.	Location	Vantage Point for . . .
1	Between East and West Sludge Ponds, on the south side, between the two guard rails	East Sludge Pond West Sludge Pond South Clarifier (part)
2	East side of Secondary Lagoon at north end of guard rail opposite the North Clarifier	Secondary Lagoon North Clarifier (most)
3	South central end of Primary Lagoon just east of weather station	Primary Lagoon
4	Southeast corner of Diked Lagoon	Diked Lagoon Secondary Lagoon (except S end) Primary Lagoon
5	South Central Side of Bermed Area*	Bermed area*, except west end (including dogleg) Diked Lagoon

* not a wastewater treatment pond or lagoon

SCHAEFER ROAD WASTEWATER TREATMENT PLANT
BIRD SURVEY RESULTS
Monday, May 13, 2013

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Common Loon	*Gavia immer*								
Pied-billed Grebe	*Podilymbus podiceps*								
Horned Grebe	*Podiceps auritus*								
Double-crested Cormorant	*Phalacrocorax auritus*	1				X			1, 2, 3, 4
American Bittern	*Botaurus lentiginosus*								
Great Blue Heron *	*Ardea herodias*	1			X				2, 5
Great Egret *	*Ardea alba*								
Snowy Egret	*Egretta thula*								
Green Heron *	*Butorides virescens*								
Black-crowned Night-Heron *	*Nycticorax nycticorax*	1			X				6, 7
Yellow-crowned Night-Heron	*Nyctanassa violacea*								
Glossy Ibis	*Plegadis falcinellus*								
Turkey Vulture	*Cathartes aura*								
Snow Goose	*Chen caerulescens*								
Cackling Goose	*Branta hutchinsii*								
Canada Goose *	*Branta canadensis*	2				X	X	X	2, 8
Mute Swan *	*Cygnus olor*								
Tundra Swan	*Cygnus columbianus*								
Wood Duck *	*Aix sponsa*								
Gadwall	*Anas strepera*								
American Wigeon	*Anas americana*								
American Black Duck *	*Anas rubripes*								
Mallard *	*Anas platyrhynchos*	2					X	X	2, 3, 9
Blue-winged Teal *	*Anas discors*								
Northern Shoveler	*Anas clypeata*								
Northern Pintail	*Anas acuta*								
Green-winged Teal	*Anas crecca*								
Canvasback	*Aythya valisineria*								
Redhead	*Aythya americana*								
Ring-necked Duck	*Aythya collaris*								
Greater Scaup	*Aythya marila*								
Lesser Scaup	*Aythya affinis*								
Long-tailed Duck	*Clangula hyemalis*								
Bufflehead	*Bucephala albeola*								
Common Goldeneye	*Bucephala clangula*								
Hooded Merganser	*Lophodytes cucullatus*								
Red-breasted Merganser	*Mergus serrator*								
Common Merganser	*Mergus merganser*								
Ruddy Duck	*Oxyura jamaicensis*								
Osprey	*Pandion haliaetus*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Bald Eagle	*Haliaeetus leucocephalus*								
Northern Harrier	*Circus cyaneus*								
Sharp-shinned Hawk	*Accipiter striatus*	1					X	X	1, 2, 3, 10, 11
Cooper's Hawk *	*Accipiter cooperii*								
Broad-winged Hawk	*Buteo platypterus*								
Red-tailed Hawk *	*Buteo jamaicensis*								
Rough-legged Hawk	*Buteo lagopus*								
American Kestrel *	*Falco sparverius*								
Merlin	*Falco columbarius*								
Peregrine Falcon	*Falco peregrinus*								
Ring-necked Pheasant *	*Phasianus colchicus*								
Northern Bobwhite *	*Colinus virginianus*								
Virginia Rail	*Rallus limicola*	1						X	2, 3, 6, 10
Sora	*Porzana carolina*								
Common Gallinule	*Gallinula galeata*								
American Coot	*Fulica americana*								
Black-bellied Plover	*Pluvialis squatarola*								
American Golden-Plover	*Pluvialis dominica*								
Semipalmated Plover	*Charadrius semipalmatus*								
Killdeer *	*Charadrius vociferus*	11	X		X	X	X	X	2, 3, 12
Greater Yellowlegs	*Tringa melanoleuca*								
Lesser Yellowlegs	*Tringa flavipes*								
Solitary Sandpiper	*Tringa solitaria*								
Spotted Sandpiper *	*Actitis macularius*	4				X	X	X	13
Whimbrel	*Numenius phaeopus*								
Ruddy Turnstone	*Arenaria interpres*								
Red Knot	*Calidris canutus*								
Sanderling	*Calidris alba*								
Semipalmated Sandpiper	*Calidris pusilla*								
Western Sandpiper	*Calidris mauri*								
Least Sandpiper	*Calidris minutilla*								
White-rumped Sandpiper	*Calidris fuscicollis*								
Baird's Sandpiper	*Calidris bairdii*								
Pectoral Sandpiper	*Calidris melanotos*								
Dunlin	*Calidris alpina*								
Short-billed Dowitcher	*Limnodromus griseus*								
Wilson's Snipe	*Gallinago delicata*								
American Woodcock *	*Scolopax minor*	5				X	X	X	2, 3, 6, 14
Wilson's Phalarope	*Phalaropus tricolor*								
Bonaparte's Gull	*Chroicocephalus philadelphia*								
Ring-billed Gull *	*Larus delawarensis*								
Herring Gull *	*Larus argentatus*	1					X	X	1, 2, 3, 15
Thayer's Gull	*Larus thayeri*								
Glaucous Gull	*Larus hyperboreus*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Great Black-backed Gull	*Larus marinus*								
Caspian Tern	*Hydroprogne caspia*								
Common Tern *	*Sterna hirundo*	1			X	X			1, 2, 10, 16
Forster's Tern *	*Sterna forsteri*								
Black Tern *	*Chlidonias niger*								
Rock Pigeon *	*Columba livia*	1			X	X			1, 2, 17, 18
Mourning Dove *	*Zenaida macroura*	3	X			X			2, 3, 19
Black-billed Cuckoo	*Coccyzus erythropthalmus*								
Eastern Screech Owl *	*Megascops asio*								
Great Horned Owl *	*Bubo virginianus*								
Snowy Owl	*Bubo scandiacus*								
Short-eared Owl	*Asio flammeus*								
Common Nighthawk	*Chordeiles minor*								
Chimney Swift *	*Chaetura pelagica*								
Ruby-throated Hummingbird *	*Archilochus colubris*								
Belted Kingfisher *	*Ceryle alcyon*								
Red-headed Woodpecker *	*Melanerpes erythrocephalus*								
Red-bellied Woodpecker *	*Melanerpes carolinus*								
Downy Woodpecker *	*Picoides pubescens*								
Hairy Woodpecker *	*Picoides villosus*								
Northern Flicker *	*Colaptes auratus*								
Eastern Wood-Pewee *	*Contopus virens*								
Yellow-bellied Flycatcher	*Empidonax flaviventris*								
Alder Flycatcher	*Empidonax alnorum*								
Willow Flycatcher *	*Empidonax traillii*								
Least Flycatcher *	*Empidonax minimus*								
Eastern Phoebe	*Sayornis phoebe*								
Great Crested Flycatcher *	*Myiarchus crinitus*								
Eastern Kingbird *	*Tyrannus tyrannus*								
White-eyed Vireo	*Vireo griseus*								
Blue-headed Vireo	*Vireo solitarius*								
Yellow-throated Vireo *	*Vireo flavifrons*								
Warbling Vireo *	*Vireo gilvus*	5						X	2, 3, 6, 10
Philadelphia Vireo	*Vireo philadelphicus*								
Red-eyed Vireo *	*Vireo olivaceus*								
Blue Jay *	*Cyanocitta cristata*								
American Crow *	*Corvus brachyrhynchos*								
Horned Lark	*Eremophila alpestris*								
Purple Martin *	*Progne subis*								
Tree Swallow *	*Tachycineta bicolor*								
Northern Rough-winged Swallow*	*Stelgidopteryx serripennis*	3	X				X		1, 2, 20
Bank Swallow *	*Riparia riparia*								
Barn Swallow *	*Hirundo rustica*								
Cliff Swallow *	*Petrochelidon pyrrhonota*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Black-capped Chickadee *	*Poecile atricapillus*								
Tufted Titmouse *	*Baeolophus bicolor*								
Red-breasted Nuthatch	*Sitta canadensis*								
White-breasted Nuthatch *	*Sitta carolinensis*								
Brown Creeper	*Certhia americana*								
Carolina Wren *	*Thryothorus ludovicianus*								
House Wren *	*Troglodytes aedon*								
Winter Wren	*Troglodytes hiemalis*								
Sedge Wren	*Cistothorus platensis*								
Marsh Wren	*Cistothorus palustris*								
Blue-gray Gnatcatcher	*Polioptila caerulea*								
Golden-crowned Kinglet	*Regulus satrapa*								
Ruby-crowned Kinglet	*Regulus calendula*								
Eastern Bluebird	*Sialia sialis*								
Veery	*Catharus fuscescens*								
Gray-cheeked Thrush	*Catharus minimus*								
Swainson's Thrush	*Catharus ustulatus*								
Hermit Thrush	*Catharus guttatus*								
Wood Thrush *	*Hylocichla mustelinus*								
American Robin *	*Turdus migratorius*	21			X	X	X	X	2, 3, 21
Gray Catbird *	*Dumetella carolinensis*								
Northern Mockingbird	*Mimus polyglottos*								
Brown Thrasher *	*Toxostoma rufum*								
European Starling *	*Sturnus vulgaris*	18		X	X	X		X	2, 3, 17, 22
American Pipit	*Anthus rubescens*								
Cedar Waxwing *	*Bombycilla cedrorum*								
Blue-winged Warbler	*Vermivora cyanoptera*								
Golden-winged Warbler	*Vermivora chrysoptera*								
Tennessee Warbler	*Oreothlypis peregrina*								
Orange-crowned Warbler	*Oreothlypis celata*								
Nashville Warbler *	*Oreothlypis ruficapilla*								
Northern Parula	*Setophaga americana*								
Yellow Warbler *	*Setophaga petechia*	6					X	X	2, 3, 6, 10, 23
Chestnut-sided Warbler	*Setophaga pensylvanica*								
Magnolia Warbler	*Setophaga magnolia*								
Cape May Warbler	*Setophaga tigrina*								
Black-throated Blue Warbler	*Setophaga virens*								
Yellow-rumped Warbler	*Setophaga coronata*								
Black-throated Green Warbler	*Setophaga virens*								
Pine Warbler	*Setophaga pinus*								
Prairie Warbler	*Setophaga discolor*								
Palm Warbler	*Setophaga palmarum*								
Bay-breasted Warbler	*Setophaga castanea*								
Blackpoll Warbler	*Setophaga striata*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Cerulean Warbler	*Setophaga cerulea*								
Black-and-white Warbler	*Mniotilta varia*								
American Redstart	*Setophaga ruticilla*	1						X	2, 3, 6, 10
Prothonotary Warbler	*Protonotaria citrea*								
Ovenbird *	*Seiurus aurocapilla*								
Northern Waterthrush	*Parkesia noveboracensis*								
Mourning Warbler *	*Geothlypis philadelphia*								
Common Yellowthroat *	*Geothlypis trichas*								
Wilson's Warbler	*Cardellina pusilla*								
Canada Warbler	*Cardellina canadensis*								
Yellow-breasted Chat	*Icteria virens*								
Scarlet Tanager *	*Piranga olivacea*								
Eastern Towhee *	*Pipilo erythrophthalmus*								
American Tree Sparrow	*Spizella arborea*								
Chipping Sparrow *	*Spizella passerina*								
Field Sparrow *	*Spizella pusilla*								
Vesper Sparrow *	*Pooecetes gramineus*								
Savannah Sparrow *	*Passerculus sandwichensis*								
Grasshopper Sparrow	*Ammodramus savannarum*								
Henslow's Sparrow	*Ammodramus henslowii*								
Fox Sparrow	*Passerella iliaca*								
Song Sparrow *	*Melospiza melodia*	2					X	X	2, 3, 6, 24
Lincoln's Sparrow	*Melospiza lincolnii*								
Swamp Sparrow *	*Melospiza georgiana*	1						X	2, 3, 6, 10
White-throated Sparrow	*Zonotrichia albicollis*								
White-crowned Sparrow	*Zonotrichia leucophrys*								
Dark-eyed Junco	*Junco hyemalis*								
Lapland Longspur	*Calcarius lapponicus*								
Snow Bunting	*Plectrophenax nivalis*								
Northern Cardinal *	*Cardinalis cardinalis*								
Rose-breasted Grosbeak *	*Pheucticus ludovicianus*								
Indigo Bunting *	*Passerina cyanea*								
Dickcissel	*Spiza americana*								
Bobolink *	*Dolichonyx oryzivorus*								
Red-winged Blackbird *	*Agelaius phoeniceus*	27	X	X	X	X	X	X	25
Eastern Meadowlark *	*Sturnella magna*								
Rusty Blackbird	*Euphagus carolinus*								
Common Grackle *	*Quiscalus quiscula*	112	X	X	X	X	X	X	26
Brown-headed Cowbird *	*Molothrus ater*	2				X			2, 3, 27
Orchard Oriole *	*Icterus spurius*								
Baltimore Oriole *	*Icterus galbula*	2						X	2, 3, 6, 10
Purple Finch	*Haemorhous purpureus*								
House Finch *	*Haemorhous mexicanus*								
Red Crossbill	*Loxia curvirostra*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
White-winged Crossbill *	*Loxia leucoptera*								
Common Redpoll	*Acanthis flammea*								
Pine Siskin *	*Spinus pinus*								
American Goldfinch *	*Spinus tristis*	13	X		X	X	X	X	2, 3, 10, 28
Evening Grosbeak	*Coccothraustes vespertinus*								
House Sparrow *	*Passer domesticus*								
SPECIES TOTAL		27							

LEGEND

Number means the maximum total observed within the fenceline at the facility; effort was made to avoid any double-counting.

* Indicates species known or suspected to breed in the general area encompassing the site based on generalized state maps (showing county boundaries) presented in "The Atlas of Breeding Birds of Michigan" by R. Brewer et al. (MSU Press: East Lansing, 1991). It should be emphasized that many of the species indicated as breeding birds have specific habitat requirements that are not met by the industrial environment at the Schaefer Road Wastewater Treatment Plant (SRWWTP) and the surrounding area. Thus, species marked with an asterisk above should not be assumed to breed at or even adjacent to the SRWWTP.

Species list adapted from "Bird Checklist of Michigan" (Thayer's Birding Software, 1999) considering habitat provided by site and immediately surrounding areas. Nomenclature is based on the 53rd Supplement to the American Ornithologists' Union "Checklist of North American Birds" (2012).

Bird data collected at five different stations over five-minute intervals throughout the day. Survey performed by Michael Carlson from 4:56 AM to 10:06 PM.

X indicates observations made. It should be emphasized that "X" means that the species was observed within the fenceline of the SRWWTP in proximity to the particular impoundment and, unless otherwise noted, not on or in contact with the water or immediately adjacent to the water at a particular impoundment. In many cases, the species was observed flying over the pond, sometimes higher than 200 feet.

Impoundment Designations:

- L Sludge Ponds
- C Clarifiers
- S Secondary Lagoon
- P Primary Lagoon
- D Diked Lagoon

Other Area Designations:

- B Bermed Area

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Monday, May 13, 2013

NOTES

1. Individual(s) observed flying over the SRWWTP.

2. Individual(s) was not observed at or near the water's edge of any of the wastewater treatment ponds and lagoons.

3. Individual(s) showed no interest in water surfaces of the SRWWTP wastewater treatment ponds and lagoons.

4. Around 06:49 one individual was observed to directly fly northwest over the far west edge of the SRWWTP at an estimated height of approximately 60-80 feet above ground surface.

5. At 18:42 one individual was observed to stand on the lower mid-slope of the west central bank of the Secondary Lagoon. (According to the operator, the bird had moments before been flushed from the top of the east bank of the Secondary Lagoon by the company vehicle.) At 18:43 the same individual was observed to flush, likely from the same company vehicle, this time approaching from the north down the main north-south road. The bird was observed to fly west and appeared to land on the west central bank of the Primary Lagoon. The bird was viewed through binoculars albeit briefly No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that oil would likely have been apparent on the bird due to the pale gray neck and whitish face and whitish marginal coverts which are characteristic of this species.

6. Individual heard, but not seen.

7. At 21:25 one individual was observed from Station No. 2 to call from what sounded like the north end of Secondary Lagoon. No individual, however, was heard or seen there minutes later when the wildlife specialist walked around the north end of the Secondary Lagoon. Thus, the bird possibly had called in flight.

8. At 07:24 two individuals were observed to call and to fly east over the dogleg of the bermed area and Diked Lagoon at an estimated height of approximately 20-40 feet above ground surface. Over the west end of the Diked Lagoon both birds were observed to slow their flight and to assume a position for landing in the east end of the lagoon. At that moment that Diked Lagoon propane cannon fired, and both birds were observed to break their landing approach, to turn, and to fly west and then south. Both birds were observed to land and to rest in the grass of the plain northwest of the Primary Lagoon. Around 07:32 presumably one of the same individuals was observed to forage in the grass of the plain northwest of the Primary Lagoon. At 07:41 the same individual was observed to alarm call from the ground of the plain northwest of the Primary Lagoon likely due to the approach of the operator. The bird was observed to fly off at 07:45 due to the operator's air horn blasts. Around 07:47 the same two individuals were observed to fly east over the dogleg of the bermed area at an estimated height of approximately 20-30 feet above ground surface. One individual was observed to land in the dogleg of the bermed area, and the second individual was observed to assume a landing approach over the Diked Lagoon. The wildlife specialist pointed his arm at the bird and shouted "bang bang." The bird was observed to break its landing approach, to turn, and to fly west, possibly landing in the plain north of the Primary Lagoon. Around 08:28 presumably one of the same individuals was observed to fly north over the plain west of the Primary Lagoon and to continue north over the Diked Lagoon and bermed area proper. Presumably the same pair was observed around 20:29 to fly north-northwest over the Diked Lagoon and bermed area proper at an estimated height of approximately 80-100 feet above ground surface. Both individuals were viewed through binoculars albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on either individual. It should be noted that any oil would likely have been apparent on these birds, due to the white throat-cheek patch, white vent, white femoral tract and rump, and pale breast which characterize this species.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Monday, May 13, 2013

NOTES

(Continued)

9. Around 05:28 one individual was observed to call from the airspace over the Diked Lagoon. At 07:57 one individual was observed to call from the water surface of the dogleg of the bermed area. At 16:45 one drake was observed to apparently flush from the water surface or vegetation of the dogleg of the bermed area and to fly west. The latter bird was viewed only through the naked eye, albeit briefly, at relatively close range. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been apparent on these birds due to the yellow bill, pale gray belly, white vent and tail, white border of speculum, and white underwing coverts which are characteristic of the adult male plumage of this species.

10. Individual(s) likely recently arrived migrant(s) or still in the process of migration.

11. At 09:45 one individual was observed to fly east over the south side of the Diked Lagoon at an estimated height of approximately 15-30 feet above ground surface directly past the wildlife specialist. The bird was being pursued and attacked by several Common Grackles. The bird was viewed at relatively close range through binoculars albeit very briefly. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been apparent on this bird due to the white vent and undertail coverts which characterize the plumage of this species.

12. At 05:15 one individual was observed to call and to flush from the east end of the bermed area loop road, and to fly a short distance to the southwest. Around 05:25 one individual was observed to call from the road north of the Diked Lagoon. Around 06:21 two individuals were observed to call from the ground of the plain north of the Primary Lagoon. Around 06:29 one individual was observed to call from the plain north of the Primary Lagoon. Around 07:01 one individual was observed to rest on the surface of the road east of the East Sludge Pond, and a second individual to rest in the grass of the plain south of the East Sludge Pond. Around 07:15 one individual was observed to rest on the ground of the plain south of the Primary Lagoon. Around 07:32 two individuals were observed to call from the ground of the plain northwest of the Primary Lagoon. At 08:07 four individuals were observed to call: two from the surface of the road north of the Diked Lagoon, one from what sounded like the west end of the bermed area loop road, and one from what sounded like the plain north of the Primary Lagoon. At 08:14 eight individuals were observed to call and/or forage in the grass of the plains west and northwest of the Primary Lagoon. Around 08:28 two individuals were observed to forage on the ground of the plain south of the Primary Lagoon. Around 08:35 two individuals were observed: one foraging on the ground approximately 125 feet north of the southwest corner of the Primary Lagoon immediately outside the Primary Lagoon fence, and the second flying south over the Primary Lagoon at an estimated height of approximately 5-12 feet above ground surface. Around 08:44 one individual was observed to fly southeast over the Sludge Ponds at an estimated height of approximately 80-100 feet above ground surface. Around 09:23 one individual was observed to call from what sounded like the west perimeter road opposite the Secondary Lagoon outfall. Around 09:38 one individual was observed to call from the ground at the top of the east central bank of the Diked Lagoon. This individual appeared to have slight gray staining on the mid-belly. It should be noted, however, that this staining, given its position on the bird and the species' strong predilection for running and squatting on dirt roads, could be due to the asphalt emulsion used as a dust suppressant on the roads at the SRWWTP for air compliance purposes. Around the same time a second individual was observed to fly from the road north of the Diked Lagoon southwest over the Diked Lagoon at an estimated height of approximately 15-30 feet above water surface. Approximately 60 seconds later this bird was observed to fly back to the road north of the Diked Lagoon, to call, and to gradually move east. Around 09:43 the second individual was observed to flush from the road north of the Diked Lagoon and to fly north in response to the Diked Lagoon propane cannon firing. Around 10:57 one individual, which seemed to flush from the east central bank of the Secondary Lagoon, was observed to call and to fly west over the Secondary Lagoon and to land at the top of the west central bank of the Secondary Lagoon. Around 12:54 one individual was observed to call from possibly the northwest bank of the Secondary Lagoon. At 14:39 one individual was observed to call from the ground at the top of the

NOTES

(Continued)

southeast bank of the East Sludge Pond. At 14:55 possibly the same individual was observed to flush from the top of the southwest bank of the Secondary Lagoon, to call, and to fly north over the Secondary Lagoon outfall and was observed to land at the top of the southwest bank of the Secondary Lagoon north of the outfall. At 16:25 one individual was observed to call from the surface of the road north of the Diked Lagoon approximately 35 feet east of the northwest corner of the Diked Lagoon. Around 19:03 one individual was observed to call and to engage in the broken wing act on the ground of the west portion of the plain south of the Primary Lagoon. Around 19:40 three individuals were observed: one calling from what sounded like the east end of the bermed area loop road, one calling from the plain west of the Primary Lagoon, and one resting on the ground at the top of the west central bank of the Secondary Lagoon approximately 10 feet southeast of the cannon. Around 19:52 one individual was observed to call and to fly northeast past Station No. 2 at an estimated height of approximately 10-20 feet above ground surface. This individual was observed to land on top of the southeast bank of the Secondary Lagoon approximately 50 feet north of Station No. 2. Around 20:00 presumably this same individual was observed to rest in the grass of the east shoulder of the east perimeter road approximately opposite the east end of the north diagonal boom. At 20:12 two individuals were observed on the east bank of the Secondary Lagoon. One bird was observed to flush from the mid-slope approximately 60 feet northeast of Station No. 2 and to fly north approximately 10 feet and to land on the lower slope of the east bank of the Secondary Lagoon approximately 30 feet north of the east end of the north diagonal boom. The second bird was observed to call from the top of the east bank approximately 50 feet north of the east end of the north diagonal boom. Both birds were observed to flush, due to the approach of the wildlife specialist, to fly west, and to land atop the west bank of the Secondary Lagoon at 20:15. Around 20:22 two individuals were observed to call from the ground: one in the plain north of the Primary Lagoon and the other in the plain northwest of the Primary Lagoon. At 20:40 five individuals were observed to call from the grass of the plains west and northwest of the Primary Lagoon. One individual was observed near the toe of the west end of the outer slope of the Diked Lagoon to have both its wings outstretched in a broken wing act as it moved slowly through the grass in order to distract the wildlife specialist from the likely presence of a nest nearby. At 20:46 a seemingly unattended nest with three downy young and one unhatched egg was found at the north end of the plain west of the Primary Lagoon approximately 15 feet east of the road to the west side of the Diked Lagoon. Each nestling was observed to be sitting on the ground with legs folded at the side and with head and breast almost prostrate against the ground such that each bird's bill was almost touching the ground and only the dorsal, well camouflaged side was visible. The nestlings lay completely motionless for the three plus minutes of observation and photographs, and were mistaken for dead except for a tiny pulsating movement in one of the birds. Young Killdeer often escape notice by lying motionless on the ground, and can sometimes be picked up without showing any signs of life (A.C. Bent, Life Histories of North American Shore Birds- Part II, Smithsonian Institute, 1928, p. 207). The nestlings and egg were not handled, and the nest was not physically disturbed. Around 20:55 one individual was observed to call from the plain south of the Primary Lagoon. Around 21:42 one individual was observed to call from the ground of the plain northwest of the Primary Lagoon. Around 21:53 one individual was observed to call from the plain south of the Primary Lagoon. Most of these individuals were viewed through binoculars, often at close to relatively close range. No evidence of oil or discoloration, or matted feathers was observed on these individuals. None of the nestlings or unhatched egg in the nest appeared to be stained. It should be noted that any oil would likely have been apparent on these birds, due to the white eyebrow, forehead, throat, collar, lower breast, belly, vent, wing stripe, tail tip, and underwing coverts that characterize the adult plumage of this species.

13. Around 07:32 one individual was observed to call from what sounded like the road north of the Diked Lagoon. At 08:02 one individual was observed to call from what sounded like the north central bank of the Diked Lagoon. Around 09:58 one individual was observed to call from the bermed area. Around 19:40 one individual was observed to call from the ground of what sounded like the west bank of the Primary Lagoon. Around the same time presumably a different individual was observed to call from the airspace over the Diked Lagoon and bermed area. At 15:51 one adult in breeding plumage was observed to forage at the water's edge along the north side of the Diked Lagoon. The bird was observed to walk steadily and rather quickly west along the west

NOTES

(Continued)

half of the north shoreline. It was observed to forage more intently on the lower slope at the lime pile near the northwest corner of the Diked Lagoon. This individual was viewed through binoculars for several minutes. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been apparent on this bird due to the narrow white supercilium, white belly and vent, whitish underwing coverts, and narrow white wing stripe (base of the secondaries) that characterize the adult alternate (breeding) plumage of this species. Around 21:31 presumably one of the same individuals was observed to call from the bermed area.

14. Around 05:18 three individuals were observed: one to give its nasal ground call from the bermed area proper, one to give its nasal ground call from the dogleg of the bermed area, and one to give its aerial courtship flight song over the plain northwest of the Primary Lagoon. Around 05:58 one individual was observed to give its aerial courtship flight song over the bermed area proper. Around 21:31 two individuals were observed: one to both give its nasal ground call and courtship flight song from the plain northwest of the Primary Lagoon and the other to give its nasal ground call from what sounded like the toe of the south outer slope of the Diked Lagoon. Around 21:42 one individual was observed to give its aerial courtship flight song over the west end of the bermed area proper.

15. At 07:41 one third or fourth year adult was observed to fly north over the Diked Lagoon and bermed area proper at an estimated height of approximately 120-150 feet above ground surface. The bird was viewed through binoculars albeit very briefly. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been very apparent on especially a third and fourth year adult, due to the bird's prominent white plumage on the head, breast, belly, and underwing.

16. Around 06:49 one adult was observed to call and to forage in the airspace over the Primary and Secondary Lagoons. The bird was observed to repeatedly circle and loop over both lagoons and once was observed to dive toward the top of the northwest bank of the Secondary Lagoon and then to quickly pull out of the dive. Except for the dive, the bird was observed to generally fly at an estimated height of approximately 60 -80 feet above ground surface. The individual was observed to fly off to the west and exit the SRWWTP at 06:56. The bird was viewed for several minutes through binoculars. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been very apparent due to the birds' bright white tail, vent, and cheek as well as the soft gray plumage on the rest of the body.

17. Not a protected migratory bird.

18. At 17:35 one dark-plumaged individual was observed to fly generally east over the Primary and Secondary Lagoons at a estimated height of approximately 100-120 feet above ground surface. The bird's flight was observed to be rapid but somewhat erratic: it swerved and flew in a figure 8 pattern over the Secondary Lagoon. The individual possibly was hunting for a good feeding or foraging location. The bird was viewed through binoculars albeit briefly. No evidence of matted feathers was observed on this individual.

19. Around 07:01 one individual was observed to forage in the grass adjacent to the east perimeter fence opposite the East Sludge Pond. At 08:26 presumably a different individual was observed to flush from the southwest corner of the Primary Lagoon fence, to fly a short distance north, and then to fly west exiting the SRWWTP. Around 08:35 presumably a different individual was observed to forage on the ground at the top of the west bank of the Primary Lagoon approximately 70 feet north of the southwest corner of the Primary Lagoon. The first and third individuals were viewed through binoculars albeit briefly, and the third was viewed through the naked eye at close range. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that any oil would likely have been apparent due to the pale beige coloration of the underparts and white tips of the tail feathers as well as the pink feet which characterize the plumage of this species.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Monday, May 13, 2013

NOTES

(Continued)

20. Around 08:44 one individual was observed to aerially forage (i.e., hunt) for flying insects over the East Sludge Pond at an estimated height of approximately 10-40 feet above the net. Around 10:31 two individuals were observed to aerially forage for flying insects over the East Sludge Pond at an estimated height of approximately 3-30 feet above the net. Around 18:52 presumably the same two individuals were observed to aerially forage over the East Sludge Pond at an estimated height of approximately 5-20 feet above the net. Around 19:40 presumably a different individual was observed to aerially forage for flying insects over the Diked Lagoon at an estimated height of approximately 10-40 feet above the water surface. Around 20:29 presumably the same individual was observed to call from the airspace over the Diked Lagoon. At least one of these individuals was viewed through binoculars at relatively close range. No evidence of oil or discoloration, or matted feathers was observed on any individual. It should be noted that oil would likely have been apparent on the birds due to the pale gray breast, whitish belly, and white undertail coverts which are characteristic of this species.

21. Several individuals were observed to sing and call from the bermed area around 05:00, continuing intermittently throughout the morning, and then in the evening around 19:30. Observations of such individuals only heard singing or calling from the bermed area are not presented here. Around 05:15 one individual was observed to sing from what sounded like east of the Secondary Lagoon near the northeast perimeter fence gate. At the same time one individual was observed to call from the Primary Lagoon. Around 07:01 one individual was observed to call and to flush from the south bank of the Secondary Lagoon. The bird was observed to fly west-southwest over the Secondary Lagoon. Around 07:15 presumably a different individual was observed to call from the Secondary Lagoon. Around 07:47 one individual was observed to forage in the grass of the plain northwest of the Primary Lagoon. Around 10:15 one individual was observed to forage in the vegetation of the mid-slope of the south central bank of the Primary Lagoon. At 08:14 three individuals were observed to forage in the grass of the plain west of the Primary Lagoon. At 09:50 one individual was observed to flush from the north bank of the Diked Lagoon approximately 35 feet west of the northeast corner of the lagoon. This bird was observed to fly north over the road and into a tree at the south side of the bermed area. At 20:40 two individuals were observed to forage in the plain west of the Primary Lagoon. Around 20:22 one individual was observed to sing from a tree on the east outer slope of the Diked Lagoon. Around 20:29 one individual was observed to fly over the bermed area proper at an estimated height of approximately 5-8 feet above the top of the *Phragmites*. Several of the individuals, particularly those foraging in the plain northwest of the Primary Lagoon, were viewed through binoculars. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that oil would likely have been apparent on these birds, due to the yellow bill, orangish breast and belly, white undertail coverts and white tail spots which are characteristic of the plumage of this species.

22. At 08:14 one individual was observed to forage in the grass of the plain west of the Primary Lagoon. Around 08:44 two individuals were observed to fly east-northeast over the Secondary Lagoon from the vicinity of the top of the ramp to the former skimmer at the west junction of the north and south diagonal booms on the west side of the Secondary Lagoon. Around 12:54 one individual was observed to forage at the top of the east bank of the Secondary Lagoon approximately 50 feet south of the pumphouse. At the same time a different individual was observed to fly over the Secondary Lagoon and clarifiers and to rest atop the shed east of the SRWWTP Office. It appears that a pair is nesting in the northwest eave of this shed. Around 09:23 one individual was observed to fly east-northeast over the south end of the Secondary Lagoon and clarifiers at an estimated height of approximately 15-30 feet above ground surface. Around 12:36 one individual was observed to forage in the grass at the top of the southeast bank of the Secondary Lagoon approximately 25 feet northwest of the tool shed. Around 12:45 one individual was observed to fly west over the bermed area. Around 18:52 one individual was observed to fly from the shed east of the office west over the clarifiers and south end of the Secondary Lagoon at an estimated height of approximately 10-15 feet above ground surface. Around 19:22 a group of ten individuals was observed to forage in the grass of the plain west of the Primary Lagoon. Several of these individuals were viewed through binoculars albeit very briefly. No evidence of matted feathers was observed on any of these individuals.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Monday, May 13, 2013

NOTES

(Continued)

23. Around 05:28, 06:21, 11:13, and 12:26 one individual was observed to sing from the bermed area proper. At 07:41 and around 11:06 as well as 11:13 and 12:26, one individual was observed to sing from the east outer slope of the Diked Lagoon. Around 07:42 two individuals were observed to sing from the bermed area proper. Around 07:47 two individuals were observed to sing in the bermed area: one in the proper and the other in the dogleg. Around 11:25 three individuals were observed to call: two from the east outer slope of the Diked Lagoon and one from the tree opposite Station No. 4 on the south outer slope of the Diked Lagoon.

24. Around 05:18 and 05:28 one individual was observed to sing from the bermed area. Around 11:06, 11:25, and 12:26 one individual was observed to vocalize from the east outer slope of the Diked Lagoon.

25. The first individuals were observed vocalizing from the *Phragmites* and *Typha* of the bermed area proper around 05:28. Approximately 10-15 individuals were subsequently observed to call and to sing from the bermed area, particularly the bermed area proper, throughout much of the morning. Observations of such vocalizing birds in the bermed area are not presented here. At 08:54 one male was observed to rest atop the southwest corner of the net over the East Sludge Pond. Over the course of 1-2 minutes the bird was observed to fly to two different sections of netting at the south end of the East Sludge Pond where it foraged. Afterwards the bird was observed to fly west from atop the netting at the southeast corner of the East Sludge Pond to the *Phragmites* at the southeast corner of the West Sludge Pond. Around 09:23 one male was observed to forage at the top of the west end of the weir at the south end of the Secondary Lagoon. This individual was observed to next hop and walk to the lower slope of the southwest bank of the Secondary Lagoon north of the outfall catwalk where it was observed to forage. Around 10:15 three males were observed to call and to fly west over the Primary Lagoon: one from near OMI 1, the second from *Phragmites* at the southeast corner of the Primary Lagoon, and the third possibly from the Primary Lagoon fence near OMI 1 or the top of the southwest bank of the Secondary Lagoon. Around 11:13 one individual was observed to fly over the bermed area and Diked Lagoon. Around 12:54 one individual was observed to call from the Secondary Lagoon. At 18:17 one individual was observed to fly south over the clarifiers and Sludge Ponds at an estimated height of approximately 15-30 feet above ground surface. Around 20:00 one male was observed to fly west over the Sludge Ponds at an estimated height of approximately 20-35 feet above ground level. Around 20:22 one male was observed to forage in the grass of the plain west of the Primary Lagoon. Several of the males were viewed through the naked eye at relatively close range and through binoculars albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that oil would likely have been apparent on these birds due to the bright red shoulder patch and light yellowish trailing edge of the patch which characterizes the male plumage of this species.

26. The first individuals were observed vocalizing from the *Phragmites* and *Typha* of the bermed area proper around 05:28. Individuals were subsequently observed to call and to sing from the bermed area, particularly the dogleg of the bermed area, throughout much of the morning. Observations of such vocalizing birds in the bermed area are not presented here. At 05:58 one individual was observed to call from atop the utility pole east of the East Sludge Pond. Seconds later this bird was observed to fly off to the northeast over the south clarifier. Around 06:06 three individuals were observed to rest at the utility pole west of the belt skimmer at the southeast corner of the Secondary Lagoon: one atop the pole itself, a second on the wire close by, and the third on the light attached to the pole. Approximately 60-120 seconds later a fourth individual was observed to fly over the south end of the Secondary Lagoon and to land atop the utility pole on the southwest bank of the Secondary Lagoon where it was observed to rest. At 06:39 a loose group of 50 individuals was observed calling from several trees in the dogleg of the bermed area. Around 07:01 one individual was observed to call from the Sludge Ponds. At the same time a second individual was observed to fly west over the Sludge Ponds at an estimated height of approximately 60-75 feet above ground surface. Around 07:32 one individual was observed to forage at the water's edge of the north side of the Diked Lagoon approximately 50 feet east of the northwest corner of the lagoon. At the same time a second bird was observed to forage atop the lime pile at the northwest corner of the Diked Lagoon. At 08:14 and around 20:22 one individual was observed to forage in the grass of the plain west

NOTES

(Continued)

of the Primary Lagoon. At 09:45 four individuals were observed to fly east over the Diked Lagoon at an estimated height of approximately 20-45 feet above ground surface in pursuit of a Sharp-shinned Hawk. Around 10:31 one individual was observed under the net of the East Sludge Pond to fly from the north bank south to the south bank of the pond where it was observed to forage at the water's edge. Approximately two minutes later presumably the same bird was observed to forage at the water's edge of the east central bank of the East Sludge Pond under the net. Seconds later this bird was observed to fly west under the net to the west central bank of the East Sludge Pond. At 10:37 one individual was observed to rest atop the net near the southwest corner of the East Sludge Pond. The bird was observed to fly to the east side of the strip of land between the East and West Sludge Ponds approximately 12 feet south of Station No. 1. After approximately 45 seconds the bird was observed to fly to the east exiting the SRWWTP. Around 10:39 one individual was observed to forage at the water's edge of the south central bank of the East Sludge Pond under the net. Approximately 30 seconds later presumably the same individual was observed to rest atop the south central edge of the net over the East Sludge Pond. The bird was observed to shake itself and then to fly west over the West Sludge Pond exiting the SRWWTP. At the same time a second individual was observed to rest atop the net at the southeast corner if the East Sludge Pond. Seconds later this bird was observed to also fly west over the Sludge Ponds and exit the SRWWTP. Around 10:48 one individual was observed to call from the pines at the east perimeter fence approximately 25 feet northeast of the tool shed. Approximately 30-60 seconds later presumably the same bird was observed to fly west over the Secondary Lagoon at an estimated height of approximately 20-40 feet above ground surface. Around 11:13 two individuals were observed on the north bank of the Diked Lagoon: one foraging at the water's edge and a second foraging on the mid-slope approximately 35 feet west of the northeast corner of the lagoon. Around the same time a third individual was observed to fly south over the bermed area and Diked Lagoon at an estimated height of approximately 4-5 feet above ground surface. Around 11:25 presumably one of the same individuals was observed to forage at the water's edge of the north bank of the Diked Lagoon approximately 50 feet west of the northeast corner of the lagoon. At 11:31 presumably the same individual was observed to flush from the water's edge of the southeast bank of the Diked Lagoon and to fly north over the Diked Lagoon. Around 18:52 one individual was observed to forage in the grass at the top of the east bank of the Secondary Lagoon approximately 30 feet south of Station No. 2. At 19:26 a group of 23 individuals was observed to fly south over the bermed area at an estimated height of approximately 15-25 feet above ground surface. Around 20:00 one individual was observed to fly east over the Sludge Ponds exiting the SRWWTP.

27. At 08:14 two individuals were observed to forage in the grass of the plain west of the Primary Lagoon.

28. At 06:16 one individual was observed to call from the pines at the east perimeter fence opposite and south of the east end of the north diagonal boom. Around 06:29 one individual was observed to call from the airspace over the bermed area proper. Approximately 60 seconds later a second individual was observed to call and to fly northwest over the Diked Lagoon and bermed area proper at an estimated height of approximately 80-100 feet above ground surface. Around 08:44 one individual was observed to fly west over the Sludge Ponds at an estimated height of approximately 130-160 feet above ground surface. At 10:08 three individuals were observed to fly north-northeast over the dogleg of the bermed area. At 10:28 one individual was observed to call from the airspace over the Primary Lagoon. Around 10:48, 12:36, and 12:54 one individual was observed to call from the airspace over the Secondary Lagoon. Around 11:25 one individual was observed to call from the airspace over the Diked Lagoon and bermed area proper. Around 19:30 three individuals were observed to call from the airspace over the bermed area. Around 20:22 one individual was observed to call from the airspace over the Diked Lagoon and bermed area proper. Most of the birds observed were only heard calling. Only one bird seen was viewed through binoculars albeit very briefly. This individual as well as several others seen, which were viewed only through the naked eye, appeared as silhouettes. Therefore, no conclusions can be made concerning the condition of plumage of these individuals.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 5-13-13

1	Type: dropping	Species: COMMON GRACKLE	☐ certain ☒ probable ☐ possible ☐ found before	#: 2	☒ fresh ☐ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From 1 individual(s)
	Location: under net near water's edge at west bank of East Sludge Pond, approximately 18 feet northeast of Brill skimmer		Status: NA			
			Based on: NA			Behavior: standing
	Photo #: 3	Sizing Basis: none – inaccessible				
	Additional Sign Present: none		Note: Individual observed nearby under net earlier during survey.			
2	Type: burrow	Species: EASTERN COTTONTAIL	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From NA individual(s)
	Location: near top of slope of the south bank of the Secondary Lagoon, approximately 6 feet west of the west end of guardrail section closest to the belt skimmer		Status: possibly active			
			Based on: opening relatively free of vegetation			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: First found in June 2012			
3	Type: dropping	Species: AMERICAN ROBIN	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From 1 individual(s)
	Location: concrete apron at base of 2nd guardrail post west of belt skimmer and north of road south of Secondary Lagoon		Status: NA			
			Based on: NA			Behavior: standing
	Photo #: 4	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
4	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☒ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From NA individual(s)
	Location: top of the southeast bank of the Secondary Lagoon approximately 8 feet south-southwest west of belt skimmer		Status: inactive			
			Based on: entrance significantly subsided and overgrown; barely noticeable			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
5	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☒ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From NA individual(s)
	Location: mid-slope of southeast bank of Secondary Lagoon approximately 3 feet southwest of belt skimmer		Status: probably inactive			
			Based on: lack of activity in 2012 and to date in 2013			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 5-13-13

6	Type: dropping	Species: COMMON GRACKLE	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: mid-slope of east bank of Secondary Lagoon, approximately 35 feet south of east end of north diagonal boom		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 8	Sizing Basis: none – too steep to place				
	Additional Sign Present: none		Note:			
7	Type: dropping	Species: GREAT BLUE HERON	☒ certain ☐ probable ☐ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: upper slope of east Secondary Lagoon, approximately 12 feet northeast of east end of north diagonal boom		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing at top of slope
	Photo #: 9	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
8	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: mid-slope of east central bank of Secondary Lagoon approximately 12 feet southwest of double yellow standpipe		Status: possibly inactive		☒ very old ☐ residual	From NA individual(s)
			Based on: no obvious modification to entrance			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
9	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 3	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: under southwest foundation of pumphouse at top of northeast bank of Secondary Lagoon		Status: possibly active		☒ very old ☐ residual	From NA individual(s)
			Based on: Woodchuck observed at burrow entrance at concrete slab during September 2011 survey.			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
10	Type: dropping	Species: EUROPEAN STARLING	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: west end of 3rd step to transformer cage at northwest corner of pumphouse on northwest bank of Secondary Lagoon		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 10	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 5-13-13

11	Type: track	Species: SPOTTED SANDPIPER	☒ certain ☐ probable ☐ possible ☐ found before	#: ~10	☒ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: water's edge at north side of Diked Lagoon, approximately 50 feet east of northwest corner of Diked Lagoon		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: walking
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Too far and too small for photo. Individual observed walking here earlier in survey.			
12	Type: feather	Species: CANADA GOOSE	☐ certain ☒ probable ☐ possible ☐ found before	#: ~55	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: top of north bank of Diked Lagoon, approximately 5 feet east of northwest corner of Diked Lagoon		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: sitting
	Photo #: 13	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Lots of down stuck to mud.			
13	Type: track	Species: CANADA GOOSE	☒ certain ☐ probable ☐ possible ☐ found before	#: 2	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: east shoulder of road west of Diked Lagoon, opposite northwest corner of Diked Lagoon		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: walking / standing
	Photo #: 14	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Approximately 10 feet southwest of down feather mass (See Item 12.) .			
14	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: mid-slope of northeast bank of Primary Lagoon, approximately 15 feet northwest of utility pole		Status: probably active		☒ very old ☐ residual	From NA individual(s)
			Based on: entrance appears to have been modified slightly			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Likely connected to Item 15.			
15	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: outside (1 foot east of) east side of Primary Lagoon fence, approximately 8 feet north of utility pole near northeast corner of Primary Lagoon		Status: active		☒ very old ☐ residual	From NA individual(s)
			Based on: entrance enlarged			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Likely connected to Item 14.			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 5-13-13

16	Type: dropping	Species: AMERICAN ROBIN	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: chunk of slag at top of east bank of Primary Lagoon, approximately 5 feet north of electric panel slab		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 16	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
17	Type: dropping	Species: AMERICAN ROBIN	☐ certain ☐ probable ☒ possible ☐ found before	#: 3	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of north end of concrete slab at electric panel at top of east bank of Primary Lagoon		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 17	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
18	Type: burrow	Species: EASTERN COTTONTAIL	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: Approximately 0.5 feet north of the south end of the steel headwall at the southeast corner of the Primary Lagoon and immediately adjacent to headwall		Status: probably active		☐ very old ☐ residual	From NA individual(s)
			Based on: opening appears to have been modified slightly			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
19	Type: scat	Species: CANADA GOOSE	☒ certain ☐ probable ☐ possible ☐ found before	#: 2	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: lower slope of east bank of Primary Lagoon, approximately 3.5 feet east of water's edge and approximately 45 feet north of TVT bridge		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 21	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
20	Type: dropping	Species: COMMON GRACKLE	☐ certain ☐ probable ☒ possible ☐ found before	#: 3	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of headwall northeast of former skimmer at west junction of north and south diagonal booms,		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 22	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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DATE: 5-13-13

21	Type: dropping	Species: COMMON GRACKLE	☐ certain ☒ probable ☐ possible ☐ found before	#: ~4	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of pipe run, approximately 1-3 feet north of junction skimmer		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 23	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
22	Type: burrow	Species: EASTERN COTTONTAIL	☐ certain ☐ probable ☒ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☒ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: approximately 2.5 feet west of utility pole at top of southwest bank of Secondary Lagoon		Status: unknown			From NA individual(s)
			Based on: NA			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
23	Type: dropping	Species: KILLDEER	☐ certain ☒ probable ☐ possible ☐ found before	#: ~6	☒ fresh ☐ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: middle of west perimeter road opposite southwest corner of Primary Lagoon		Status: NA			From 1-2 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 24	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
24	Type: scat	Species: RED FOX	☐ certain ☒ probable ☐ possible ☐ found before	#: ~4	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: top of east bank of dogleg of bermed area, opposite approximately 5 feet north of southwest corner of Diked Lagoon		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: unknown
	Photo #: 25	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
25	Type: dropping	Species: KILLDEER	☐ certain ☒ probable ☐ possible ☐ found before	#: 1	☒ fresh ☐ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: north side of road north of Diked Lagoon, approximately 18 feet east of Station No. 5		Status: NA			From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 26	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: In relatively fresh tire track. Feces portion liquefied.			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 5-13-13

26	Type: dropping	Species: KILLDEER	☒ certain ☐ probable ☐ possible ☐ found before	#: 1	☒ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: west side of east perimeter road, approximately 75 feet south of pumphouse on the northeast bank of the Secondary Lagoon		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 27	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Individual observed in same location minutes previously.			
27	Type: feather	Species: CANADA GOOSE	☐ certain ☒ probable ☐ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: northeast corner of netting of East Sludge Pond		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: unknown
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Caught on netting fabric. Appears to be all down. Viewed through binoculars.			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location:		Status:		☐ very old ☐ residual	From individual(s)
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location:		Status:		☐ very old ☐ residual	From individual(s)
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location:		Status:		☐ very old ☐ residual	From individual(s)
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 5-13-13

NOTES

1. Considering the relatively strong winds from the northwest together with small size and down composition of this feather, it likely was wind-blown to the East Sludge Pond possibly from the dogleg of the bermed area or an off-property location with a Canada Goose nest. Such nests are typically lined with down plucked from the female's breast. Therefore, the feather observed is not truly a "sign" of physical presence of a Canada Goose at the East Sludge Pond or atop the netting there. Moreover, the feather does not suggest utilization of the East Sludge Pond or the netting there by Canada Goose.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#1: East Sludge Pond, looking south-southeast from northwest corner of pond at Station No 1. Note netting, spacer drums, and south perimeter fence in-place. Off-property substation & communications tower in background

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#2: West Sludge Pond, looking southwest from northwest corner of East Sludge Pond at Station No 1. Note netting, spacer drums, and west perimeter fence in-place. *Phragmites* and trees in background are along Rouge River.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#3: Lower slope and water's edge of west bank of East Sludge Pond, looking east through netting from approximately 18 feet northeast of Brill skimmer. Note dropping of probable Common Grackle. (Telephoto used.)

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#4: Ground and concrete apron at base of second guardrail post west of belt skimmer and north of road south of Secondary Lagoon. Note dropping of possible American Robin and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#5: South end of Secondary Lagoon, looking southwest from Station No. 2. Note south diagonal boom, OMI 4, weir, outfall, and west perimeter fence. Trees in background are along the Rouge River. (Photo underexposed.)

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#6: Southwest Secondary Lagoon, looking west from Station No. 2. Note north diagonal boom, former skimmer and ramp, Primary Lagoon fence, & OMI 2. Trees in background are along Rouge River. (Photo underexposed.)

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#7: North end of Secondary Lagoon, looking northwest from Station No. 2. Note north diagonal boom, propane cannon, & Mylar ribbons in-place. Note also OMI 3, weir, & pumphouse. (Photo underexposed.)

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#8: Ground at mid-slope of east bank of Secondary Lagoon, looking down and west from approximately 35 feet south of east end of north diagonal boom. Note dropping of possible Common Grackle. (Telephoto used.)

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#9: Ground of upper slope of east bank of Secondary Lagoon, looking down & north from approximately 10 feet northeast of east end of north diagonal boom. Note Great Blue Heron dropping and inch ruler for sizing.

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#10: Top of west end of third step to transformer cage at northwest corner of pumphouse, looking down & south at northeast Secondary Lagoon. Note dropping of possible European Starling & inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#11: North end of Secondary Lagoon, looking southeast from top of bank of northwest corner of Secondary Lagoon. Note air-dancers, balloon, propane cannon, Primary Lagoon fence, and east perimeter fence in-place.

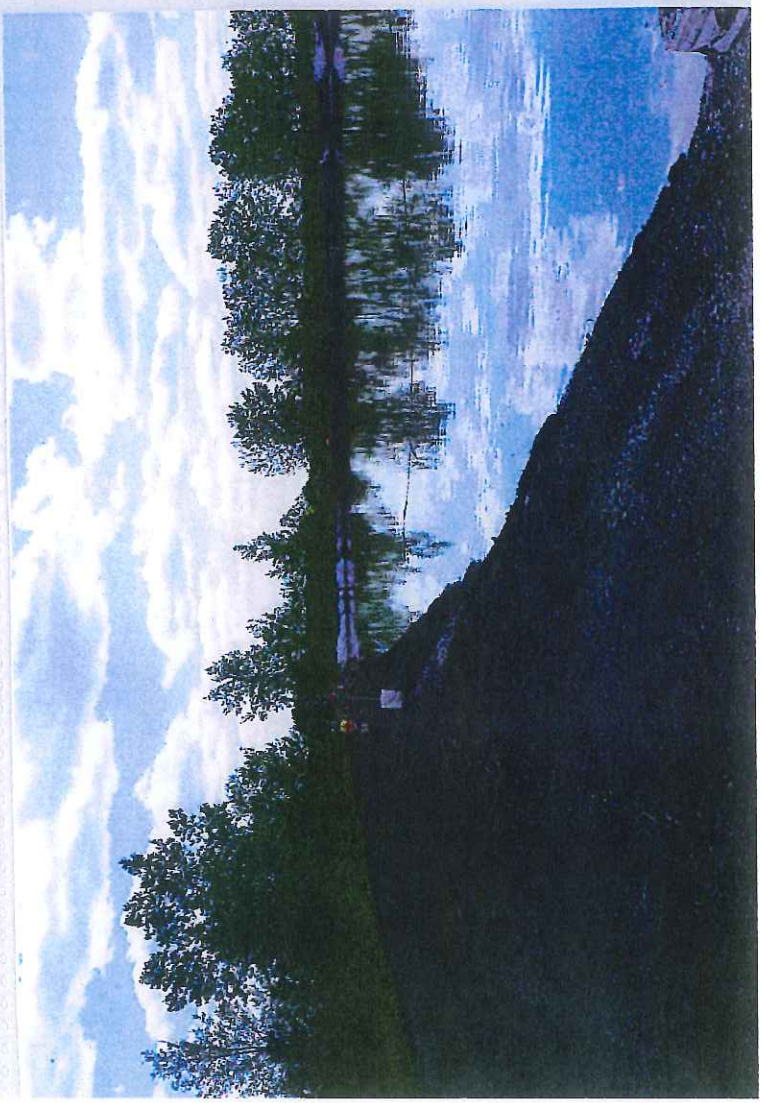
SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#12: Intersection of main north-south road and east-west road north of Secondary & Primary Lagoons, looking west from top of bank of northwest corner of Secondary Lagoon. Note dark areas are from dust suppressant emulsion.

1 2 3 4 5 6

1 2 3 4 5 6



SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#13: Ground at top of north bank of Diked Lagoon approximately 5 feet east of northwest corner of Diked Lagoon. Note down feathers adhered to mud from sitting Canada Goose and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#14: Ground at east shoulder of road west of Diked Lagoon, looking down and south from opposite the northwest corner of Diked Lagoon. Note tracks of Canada Goose and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#15: South side of Diked Lagoon, looking west from southeast corner of Diked Lagoon at Station No. 4. Note balloon and Mylar ribbons in-place. Trees in background are in the dogleg of bermed area.

1 2 3 4 5 6

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#16: Ground at top of east bank of Primary Lagoon approximately 5 feet north of electrical panel, looking down and east from same. Note dropping of possible American Robin and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#17: Top of north end of concrete slab at electrical panel at top of southeast bank of Primary Lagoon, looking down and north from same. Note droppings of possible American Robin and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#18: North end of Primary Lagoon, looking east from approximately 4 feet south of the OMI 2 and immediately west of Primary Lagoon fence. Note netting, Primary Lagoon fencing, and air-dancer in-place.

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#19: South end of Primary Lagoon, looking southeast from the lower slope of west central bank of Primary Lagoon approximately 35 feet south of yellow standpipe. Note air-dancer in-place. OMI 1; office in center background.

#20: East central Primary Lagoon, looking east from the lower slope of west central bank of Primary Lagoon approximately 35 feet south of yellow standpipe. Note air-dancer & Primary Lagoon fencing in-place. OMI 1 and TVT.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#21: Ground at lower slope of east bank of Primary Lagoon approximately 45 feet north of TVT bridge & 3.5 feet east of water's edge, looking down & north. Note Canada Goose scat and inch ruler for sizing.

1 2 3 4 5 6

1 2 3 4 5 6

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#22: Top of headwall northeast of former skimmer at west junction of north and south diagonal booms, looking down and northeast. Note dropping of possible Common Grackle and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#23: Top of pipe run approximately 3 feet north of the former skimmer at west junction of north and south diagonal booms, looking down and west. Note dropping of probable Common Grackle and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#24: Surface of middle of west perimeter road opposite the southwest corner of the Primary Lagoon, looking down and east. Note fresh droppings of probable Killdeer and inch ruler for sizing.

1 2 3 4 5 6

1 2 3 4 5 6

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#25: Ground at top of east bank of dogleg of bermed area opposite approximately 5 feet north of southwest corner of Diked Lagoon, looking down and northwest from same. Note old Red Fox scat and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#26: Surface of north side of road north of Diked Lagoon approximately 18 feet east of Station No. 5, looking down and west from same. Note fresh dropping of probable Killdeer and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#27: Surface of west side of east perimeter road approximately 75 feet south of pumphouse at northwest bank of Secondary Lagoon, looking down and west. Note fresh dropping of Killdeer and inch ruler for sizing.

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
May 13, 2013 - afternoon

#25: Ground of north end of plain west of Primary Lagoon approximately 15 feet east of west Diked Lagoon road south of tree, looking down and east. Note Killdeer nest with 3 nestlings & unhatched egg; inch ruler for sizing.

APPENDIX B

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD May 1 to May 31, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG*

Inspections	Bird Observations	Overflights	Interest Shown	Location	Number of Horn Blasts	Result
127	107	7	14	Near Primary Lagoon, near diked Lagoon, near Secondary Lagoon, and on Gravel Road	328	Flew away after horn blasts.

*During dawn and dusk inspections

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Bank Cover Oiled	Cannon Operating	Wildlife Observed	Exposed Wildlife Observed
None	31 days	31 days	None	None

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil Not Captured (by Skimmers)						
Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Oil Contained	Comments	
No	No	No	No	Yes. Used skimmers on Secondary Lagoon and Primary Lagoon, and called contractor to remove oil from other areas.	Oil not captured by skimmers is removed by contractor.	

SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
5/01	7:45 AM	HERON - KILLDEER	N	N	S	2	FLEW AWAY	[illegible]
5/01	9:00 AM	CANADIAN GOOSE-1	N	Y	D	1	FLEW AWAY	[illegible]
5/01	1:00 PM	2 CANADIAN GEESE	Y	Y	D	10	FLEW AWAY	[illegible]
5/01	7:15 PM	3 CANADIAN GEESE	N	N	B	2	FLEW AWAY	[illegible]
5/02	7:45 AM	HERON - Killdeer	N	N	S	1	FLEW AWAY	[illegible]
5/02	9:00 AM	3-CANADIAN GEESE	N	N	S	1	FLEW AWAY	[illegible]
5/02	1:00 PM	1-GOOSE	N	N	B	1	FLEW AWAY	[illegible]
5/02	7:15 PM	2 CANADIAN GEESE	N	N	P	2	FLEW AWAY	[illegible]
5/03	7:45 AM	6 CANADIAN GEESE	N	Y	D	10	NOTHING	[illegible]
5/03	9:00 AM	6 " "	N	Y	D	5	BSS - TOOK BOAT OUT TO SIKE THEY FLEW AWAY	[illegible]
5/03	1:00 PM	1 GOOSE	N	Y	D	2	FLEW AWAY	[illegible]
5/03	7:15 PM	N	N	N	N	0	N	[illegible]
5/4	7:45 AM	2 CANADA GOOSE / 2 AMERICAN ROBIN	N/N	Y/N	P/S	3/2	FLEW AWAY / FLEW AWAY	RC
5/4	9:00 AM	1 AMERICAN ROBIN / 1 KILLDEER	N/N	N/N	S/P	1/1	FLEW AWAY / FLEW AWAY	RC
5/4	1:00 PM	2 AMERICAN ROBINS	N	N	P	2	FLEW AWAY	RC
5/4	7:15 PM	2 KILLDEER	N	N	S	4	FLEW AWAY	RC
5/5	7:45 AM	5 COMMON GRACKLE / 1 CANADA GOOSE	N/N	N/Y	P/P	1/3	FLEW AWAY / FLEW AWAY	RC
5/5	9:00 AM	1 CANADA GOOSE	N	Y	P	3	FLEW AWAY	RC

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
5/23	1:00 PM	2 CANADA GOOSES	N	N	P	2	FLEW AWAY	[illegible]
5/23	7:15 PM	2 KILLDEER	N	N	S	4	FLEW AWAY	[illegible]
5/24	7:45 AM	1 HERON GREAT BLUE	Y	N	S	2	FLEW AWAY	[illegible]
5/24	9:00 AM	RED WING BLACK BIRDS	Y	N	S	2	FLEW AWAY	[illegible]
5/24	1:00 PM	KILLDEER / ROBINS	N	N	B	2	NO EFFECT	[illegible]
5/24	7:15 PM	KILLDEER / ROBINS	Y	N	B/P/D	0	NO EFFECT	[illegible]
5/25	7:45 AM	KILLDEER / ROBINS	N	N	B	2	NO EFFECT	[illegible]
5/25	9:00 AM	KILLDEER / ROBINS	N	N	B	2	NO EFFECT	[illegible]
5/25	1:00 PM	KILLDEER / ROBINS	N	N	B	2	NO EFFECT	[illegible]
5/25	7:15 PM	KILLDEER / ROBIN	N	N	B	2	NO EFFECT	[illegible]
5/26	7:45 AM	KILLDEERS	N	N	B	1	NO EFFECT	[illegible]
5/26	9:00 AM	KILLDEERS	N	N	B	1	NO EFFECT	[illegible]
5/26	1:00 PM	KILLDEERS	N	N	B	1	NO EFFECT	[illegible]
5/26	7:15 PM	KILLDEERS	N	N	B	2	FLEW AWAY	[illegible]
5/27	7:45 AM	KILLDEER	N	N	B	1	NO EFFECT	[illegible]
5/27	9:00 AM	FEMALE MALLARD	N	N	SL	0	FLEW AWAY	[illegible]
5/27	1:00 PM	N	N	N	N	0	N	[illegible]
5/27	7:15 PM	BLACK BIRDS	N	N	B	2	FLEW AWAY	[illegible]

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

SRWWTP - WILDLIFE ACTIVITY LOG

Date	Time	Wildlife Type, Species Name, or Description	#	Location (Circle any[1])	Activity (Circle any[2])	Number of Horn Blasts	Result	Exposed[3] (i.e., Oiled) ?	Carcass[4] ?	Inspector (Initials)
5/30	1:00pm	KILLDEER	4	SL S (P) D B	I A O (E)	4	FLEW AWAY	NO	NO	RC
5/30	3:01pm	AMERICAN ROBIN	1	SL (S) P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
5/30	8:40pm	KILLDEER	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	NO	NO	S.H.
5-31	5:05AM	Great Blue Heron	1	SL S (P) D B	I (A) O E	3	Flew Away	NO	NO	D.C.
5-31	5:05A.M.	Great Blue Heron	1	SL S (P) D B	I (A) O E	3	Flew Away	NO	NO	D.C.
5-31	5:05AM	Great Blue Heron	1	SL (S) P D B	I (A) O E	2	Flew Away	NO	NO	D.C.
5-31	5:05AM	Killdeer	1	SL (S) P D B	I A O (E)	1	Flew away	NO	NO	D.C.
5/31	8:18AM	MALLARD DUCK	1	SL S (P) D B	I (A) O E	3	NOTHING	NO	NO	RC
5/31	8:18AM	KILLDEER	3	SL S (P) D B	I A O (E)	2	FLEW AWAY	NO	NO	RC
5/31	8:18AM	AMERICAN ROBIN	1	(SL) S P D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
5/31	9:00AM	MALLARD DUCK	1	SL S (P) D B	I (A) O E	11	NOTHING	NO	NO	RC
5/31	9:00AM	KILLDEER	5	SL (S) P D B	I A O (E)	4	FLEW AWAY	NO	NO	RC
5/31	9:00AM	MOURNING DOVE	1	SL S (P) D B	I A O (E)	1	FLEW AWAY	NO	NO	RC
5/31	9:00AM	COMMON GRACKLE	2	(SL) S P D B	I A O (E)	5	FLEW AWAY	NO	NO	RC
5/31	1:00pm	KILLDEER	5	SL (S) P D B	I A O (E)	4	FLEW AWAY	NO	NO	RC
5/31	1:00pm	COMMON GRACKLE	2	SL S P D (B)	I A O (E)	1	FLEW AWAY	NO	NO	RC
5/31	1:00pm	AMERICAN ROBIN	4	SL S (P) D B	I A O (E)	7	FLEW AWAY	NO	NO	RC
5/31	2:00pm	CANADA GOOSE	1	SL S (P) D B	I (A) O E	3	FLEW AWAY	NO	NO	RC
5-31	8:20pm	KILLDEER	1	SL (S) P D B	I (A) O E	1	FLEW AWAY	NO	NO	DW
~~6-1~~	~~5:20AM~~	~~Killdeer~~	~~2~~	~~SL (S) P D B~~	~~I A O (E)~~	~~1~~	~~Flew Away~~	~~NO~~	~~NO~~	~~D.C.~~
~~6-2~~				SL S P D B	I A O E					
				SL S P D B	I A O E					

[1] SL = Sludge ponds; S = Secondary lagoon; P = Primary lagoon; D = Diked lagoon; B = Bermed area

[2] With respect to impoundment(s): I = In or on; A = Adjacent to (i.e., within 5 feet of water edge or surface); O = Flying over; E: Elsewhere (on ground or structure, or in tree >5 feet from water).

[3] Live or dead. If live exposed wildlife is observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required.

[4] If wildlife carcass or remains is found, leave undisturbed, and immediately notify Environmental Engineering and wildlife specialist.

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
5/01	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/01	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/02	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/02	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/03	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/03	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/4	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

[3] If live exposed animals are observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required. If dead exposed animals are observed, leave undisturbed, and immediately notify Environmental Engineering.

FORM SRWWTP 1.02
DATE: 2/26/2001

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
5/4	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
5/5	7:45 AM	N	N	Y	Y	N	N	N	RC
	7:15 PM	N	N	Y	Y	N	N	N	RC
5/5	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
5/6	7:45 AM	N	N	Y	Y	N	N	N	RC
	7:15 PM	N	N	Y	Y	N	N	N	RC
5/6	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
5/7	7:45 AM	N	N	Y	Y	N	N	N	RC
	7:15 PM	N	N	Y	Y	N	N	N	RC
5/7	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
5/8	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/8	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/9	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/9	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/10	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/10	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/11	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
5/11	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/12	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/12	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/13	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/13	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/14	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/14	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
5/15	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/15	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/16	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/16	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/17	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/17	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/18	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
5/18	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/19	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/19	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/20	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/20	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/21	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/21	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
5/22	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/22	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/23	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/23	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/24	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/24	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/25	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
5/25	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/26	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/26	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
5/27	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
5/27	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
	AM								
	PM								
	AM								
	PM								

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	Inspector (Initials)
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
5/28	7:45 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
5/28	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
5/28	8:15pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
5/29	5:20AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
5/29	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
~~5/30~~ 5/29	8:30pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	LP
5/30	5:15AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
5/30	9:00 AM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC
	1:00 PM	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RC

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRWWTP DAILY WILDLIFE DETERRENTS INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems																Inspector (Initials)
Date	Time	Fencing in Good Condition?		Vegetation Okay (< 6 inches high; no cuttings)?		Cannon Operating? (Y/N)			At Least Eight (8) Balloons Inflated?	Netting Free of Holes or Gaps? [1]			Mylar Ribbons Okay? (April, May, Aug & Sept Only) (Y/N)				At Least One (1) Air Dancer Operating?	
		Y/N	Location (if N)	Y/N	Location (if N)	P	S	D	Y/N	EL	WL	P	P	S	D	W PF [2]	Y/N	
5/30	8:30pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	S.H.
5-31	5:05	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
5-31	8:20pm	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	WW
6-1	5:20AM.	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	D.C.
6/1	9:00AM	Y		Y		Y	Y	Y	Y									
	1:00PM	Y		Y		Y	Y	Y	Y									

[1] EL = East Sludge Pond; WL = West Sludge Pond; P = Primary Lagoon

[2] W PF = West Perimeter Fence

NOTE: N (No) entry requires notification of Plant Supervisor and initiation of corrective action as soon as possible.

SRW TP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

2013

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
5/01	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/01	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/02	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/02	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/03	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/03	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/4	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called ~~Doetsch~~ INLAND" or "Called ~~Barstow~~ Williamson").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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DATE: 2/25/2001

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
5/4	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
5/5	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
5/5	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
5/6	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
5/6	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
5/7	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
5/7	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers?[1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
5/8	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/8	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/9	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/9	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/10	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/10	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/11	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
5/11	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/12	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
5/12	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
5/13	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
5/13	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
5/14	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
5/14	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
5/15	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/15	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/16	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/16	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:30 PM	N	N	N	N	Y	NA	[illegible]
5/17	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/17	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/18	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
5/18	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/19	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/19	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/20	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/20	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/21	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/21	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
5/22	7:45 AM	N	N	N	N	Y	NA	RE
	7:15 PM	N	N	N	N	Y	NA	RE
5/22	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
5/23	7:45 AM	N	N	N	N	Y	NA	RE
	7:45 PM	N	N	N	N	Y	NA	RE
5/23	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
5/24	7:45 AM	N	N	N	N	Y	NA	JT
	7:15 PM	N	N	N	N	Y	NA	JT
5/24	9:00 AM	N	N	N	N	Y	NA	JT
	1:00 PM	N	N	N	N	Y	NA	JT
5/25	7:45 AM	N	N	N	N	Y	NA	JT
	7:15 PM	N	N	N	N	Y	NA	JT

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
5/25	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/26	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
5/26	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
5/27	7:45 AM	N	N	N	N	Y	NA	[illegible]
	9:15 PM	N	N	N	N	Y	NA	[illegible]
5/27	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
	AM							
	PM							
	AM							
	PM							

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
5/28	7:45 AM	Y	Y	Y	Y	N	N	N	RC
5/28	9:00 AM	Y	Y	Y	Y	N	N	N	RC
	1:00 PM	Y	Y	Y	Y	N	N	N	RC
5/28	8:15 pm	Y	Y	Y	Y	N	N	N	LP
5/29	5:20 AM	Y	Y	Y	Y	N	N	N	D.C.
5/29	9:00 AM	Y	Y	Y	Y	N	N	N	RC
	1:00 PM	Y	Y	Y	Y	N	N	N	RC
~~5/30~~ 5/29	8:30 pm	Y	Y	Y	Y	N	N	N	LP
5/30	5:15 A.M.	Y	Y	Y	Y	N	N	N	D.C.
5/30	9:00 AM	Y	Y	Y	Y	N	N	N	RC
	1:00 PM	Y	Y	Y	Y	N	N	N	RC
5/30	8:30 pm	Y	Y	Y	Y	N	N	N	S.H.

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		All recoverable oil in reach of operating skimmer? (Y or N or NA[1])				If recoverable oil is not within reach of an operating skimmer . . .	Is oil removal equipment off ground?	If N in previous column, Location & Response Action Taken (Otherwise enter "N")	Inspector (Initials)
Date	Time	Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Specific Location & Response Action To Be Taken [2] (Otherwise enter "N")			
5-31	5:05 A.M.	Y	Y	Y	Y	N	N	N	D.C.
5-31	8:20 pm	Y	Y	Y	Y	N	N	N	WW
6-1	5:20 AM	Y	Y	Y	Y	N	N	N	D.C.
6	9:00 AM	Y	Y	Y	Y	N	N	N	DT
1	1:00 Pm	Y	Y	Y	Y	N	N	N	DT

[1] If no recoverable oil is present, enter Not Applicable (NA).

[2] Example: "NE corner of D (or Diked Lagoon); phoned Inland- be here 6-5, 8 am." or "Boom placed 9-12, 3 pm." Use Location Codes: P = Primary Lagoon; S = Secondary Lagoon; D = Diked Lagoon; EL = East Sludge Pond; WL = West Sludge Pond. If no response action is necessary, enter No (N).

APPENDIX C

Oil Hauling Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: M I D 0 8 7 7 3 8 4 2 1
2. Page 1 of: 1
3. Emergency Response Phone: (734) 586-0900
4. Manifest Tracking Number: 001767050 GBF

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
3001 MILLER ROAD
DEARBORN, MI 48121 313 594-7275
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THES HOPSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: M I R 0 0 0 0 3 6 4 8 3

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
6011 WYOMING AVE
DEARBORN, MI 48126 (313) 582-8032
Facility's Phone:
U.S. EPA ID Number: M I D 0 6 4 1 9 1 4 7 1

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL & WATER		T T	3000	G	D21L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1 SRWWTP
Approval # 7031

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lon Trinh
Signature: [signature]
Month 5 Day 24 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Tackett
Signature: [signature]
Month 5 Day 24 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

Severstal International

MID 087738431

May 24, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: April 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001
Revision of April 2013 Report

Dear Ms. Sharrow:

In Section 4.1 of our April 2013 Monthly Report that was dated May 20, 2013, we incorrectly reported "No wildlife was potentially exposed in the month of April". On April 1, two live Pied-billed Grebes were found exposed on the northwest bank of the Primary Lagoon at the SRWWTP. The two birds were transported by MEC Environmental Consulting to the Mallard Marsh Wildlife Rehabilitation Center in Ypsilanti, Michigan. The birds later died at the rehabilitation center as detailed in the enclosed report from the Mallard Marsh Wildlife Rehabilitation Center. The corrected monthly report is enclosed without the appendices. We apologize for any confusion this error may have caused.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9319
E: Jim.Earl@severstalna.com
www.severstalna.com

CONTINUING EMERGENCY MEASURES

THE MONTHLY PROGRESS REPORT
FOR
April 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN, LLC

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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Inspection Summary and Report Sheets	Appendix B
Oil Hauling Manifests	Appendix C

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period April 1 through April 30, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place across the East and West Sludge Ponds. New netting was installed to replace the old netting at the North end of the Primary Lagoon in April 2013. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

A Wildlife Survey was conducted on April 19, 2013 and a copy of the report is provided in Appendix A. Inspection reports show seasonal activities observed in the general area, and no significant issues at the site were identified.

April 1, 2013, the SRWWTP operator found an adult Rock Pigeon carcass around 9:00 am on cement at the northwest corner near the office building. The bird appeared to be clean and may have possibly died by natural causes.

On the same day, around 10:00 am the operator called and notified environmental about two Pied-billed Grebes under the net at the north end of the Primary Lagoon. MEC Environmental Consulting, our wildlife expert was called in to capture the bird. Viewed through 10 x 42 binoculars from the west side of the road of the Primary Lagoon, the entire plumage of both birds appears to be stained blackish and moderately matted and trying to get out of the net area. After a few attempts, both birds were captured around 1:00 pm and were transferred to the Mallard Marsh Wildlife Rehabilitation Center in Ypsilanti, Michigan around 2:30 pm. The birds later died at the rehabilitation center as detailed in the enclosed report from the Mallard Marsh Wildlife Rehabilitation Center.

The exposed birds were verbally reported by Lan Trinh of my staff to the EPA Office Region 5 and U.S. Fish and Wildlife Ann Arbor Office around 2:00 pm on April 1.

In the month of April, on several occasions of red winged black birds, blue herons, Canada geese, robins, and mallards were observed at near or using one of the treatment plant impoundments and were scared off with the air horns. The birds flew or ran away after horn blasts, so persistent hazing with the air horn was necessary.

And one occasion, a couple of the mallards got underneath of the netting of the East Sludge pond through a small side gap between the netting and the ground. The operator was able to lift the net up and the mallards flew away. The East Sludge pond currently is not an active pond and has no oil on it. The mallards showed no sign injury. The opening was repaired on the same day.

The summary of daily inspection findings is provided in Appendix B. Copies of the inspection reports are also provided in Appendix B. Daily Inspections show normal activities observed throughout the area.

4.0 Evaluation

4.1 Exposure

Except for the two Pied-billed Grebes, no other wildlife was observed to be exposed in April. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by vacuum truck.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place and propane cannons operated properly in April 2013. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence?* In April, there were observations of red winged black birds, blue herons, killdeers, Canada geese, robins, common grackles, mallards overflight or around the Bermed area. As reported, the birds flew away on its own or after horn blasts, so persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix B.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

12,200 gallons of oil-water mixture were hauled off-site in the month of April 2013. Copies of the manifests for the loads are in Appendix C.

Mallard Marsh Wildlife Rehabilitation Center

7447 Stony Creek Road, Ypsilanti, MI 48197 734-482-8187 734-646-4924 cell

Pied-billed Grebes

On April 1, 2013 around 2:30 pm two Pied-billed Grebes (*Podilymbus podiceps*) were brought to Mallard Marsh Wildlife Rehabilitation Center (MMWRC) by Michael Carlson, wildlife specialist with MEC Environmental Consulting. The two birds were found sitting on the northwest bank of the Primary Lagoon of the Schaefer Road Wastewater Treatment Plant owned and operated by Severstal Dearborn. One of the grebes was captured on the bank, and the other recovered when Mr. Carlson observed it slip from a ledge and fall approximately 7 feet into a stairwell.

At intake both birds were warmed and stabilized, dried off, and given fluids. One bird was more active than the other- nipping my hand with its bill. Both birds were heavily oiled, one to the point of complete saturation.

Both birds were washed twice. The bath water was a grayish black color after the bathing. The feathers were restored to their optimal condition and waterproofing returned after the second washing. The birds were dried and warmed after the baths and housed in a small enclosure with a heat lamp.

The grebes were given blood worms, frozen shrimp and live minnows to eat. They had access to a small container of water for bathing, preening and catching their minnows. Neither bird was very active but such behavior is normal for these aquatic birds.

The more heavily oiled bird died on April 3rd. This bird, according to Mr. Carlson, was the first bird captured. The second bird seemed to be improving and eating the fish well, but died suddenly on April 6th.

As with most wildlife, I have no way of knowing if there were any other health issues affecting the birds, or how much oil may have been ingested, or if there was any internal damage. It is quite possible that the second bird sustained internal injuries from its fall prior to capture.

A copy of our federal and state wildlife rehabilitation permits is attached for your information.

Carole Dangler

Carole Dangler
Wildlife Rehabilitator and Owner,
Mallard Marsh Wildlife Rehabilitation Center

DEPARTMENT OF THE INTERIOR
U.S. FISH AND WILDLIFE SERVICE

3-201
(1/97)

FEDERAL FISH AND WILDLIFE PERMIT

2. AUTHORITY-STATUTES
16 USC 703-712

REGULATIONS
50 CFR Part 13
50 CFR 21.31

1. PERMITTEE

CAROL A. DANGLER
7447 STONY CREEK RD
YPSILANTI, MI 48197
U.S.A.

3. NUMBER
MB102606-0

4. RENEWABLE
YES
NO

5. MAY COPY
YES
NO

6. EFFECTIVE
04/01/2010

7. EXPIRES
03/31/2015

8. NAME AND TITLE OF PRINCIPAL OFFICER *(If #1 is a business)*

9. TYPE OF PERMIT
REHABILITATION

10. LOCATION WHERE AUTHORIZED ACTIVITY MAY BE CONDUCTED
7447 Stony Creek Rd.
Ypsilanti, MI 48197

11. CONDITIONS AND AUTHORIZATIONS:

A. GENERAL CONDITIONS SET OUT IN SUBPART D OF 50 CFR 13, AND SPECIFIC CONDITIONS CONTAINED IN FEDERAL REGULATIONS CITED IN BLOCK #2 ABOVE, ARE HEREBY MADE A PART OF THIS PERMIT. ALL ACTIVITIES AUTHORIZED HEREIN MUST BE CARRIED OUT IN ACCORD WITH AND FOR THE PURPOSES DESCRIBED IN THE APPLICATION SUBMITTED. CONTINUED VALIDITY, OR RENEWAL, OF THIS PERMIT IS SUBJECT TO COMPLETE AND TIMELY COMPLIANCE WITH ALL APPLICABLE CONDITIONS, INCLUDING THE FILING OF ALL REQUIRED INFORMATION AND REPORTS.

B. THE VALIDITY OF THIS PERMIT IS ALSO CONDITIONED UPON STRICT OBSERVANCE OF ALL APPLICABLE FOREIGN, STATE, LOCAL OR OTHER FEDERAL LAW.

C. VALID FOR USE BY PERMITTEE NAMED ABOVE.

D. This permit authorizes you to:

Authorized to care for water birds

(1) take from the wild or receive from another person sick, injured, or orphaned migratory birds and to possess them and provide rehabilitative care for them;
(2) transport such birds to a suitable habitat for release, to another permitted rehabilitator's facilities, or to a veterinarian;
(3) transfer, release, or euthanize such birds;
(4) transfer or otherwise dispose of dead specimens; and
(5) receive, stabilize, and transfer within 48 hours types of migratory bird species not authorized by your permit, in cases of emergency.

E. You must immediately report to U.S. Fish and Wildlife Service Law Enforcement any birds that appear to have been poisoned, shot, or otherwise injured as the result of criminal activity.

For suspected illegal activity, immediately contact USFWS Law Enforcement at: Ann Arbor, Michigan - 734-971-9755

F. Any person responsible for the permitted activities when you or a subpermittee are not present must either possess his or her own Federal rehabilitation permit or be authorized as your subpermittee by being named in writing to your issuing migratory bird permit office.

ADDITIONAL CONDITIONS AND AUTHORIZATIONS ALSO APPLY

12. REPORTING REQUIREMENTS
ANNUAL REPORT DUE: 01/31

ISSUED BY

TITLE
CHIEF - MIGRATORY BIRD PERMITS

DATE
03/05/2010

NEW APPLICANTS: Applications will not be processed without one of the following:

a) A letter or affidavit, signed by a licensed veterinarian, indicating that the applicant has demonstrated, through paid or volunteer experience, adequate skills in handling injured and orphan animals, or

b) A letter or affidavit, signed by a current permittee, indicating that the applicant has demonstrated, through paid or volunteer experience, adequate skills in handling injured and orphan animals.

RECEIVED MAR 8 2010 DNR-LED

I have attached (√ one):

☐ a licensed veterinarian letter/affidavit, certifying adequate skills, training and experience in handling injured and orphan animals.

☐ a current permittee letter/affidavit, certifying adequate skills, training and experience in handling injured and orphan animals.

ALL APPLICANTS: All applicants must respond to the questions in this section and sign and date the application. Applications will not be processed unless all required information is provided.

I have read this application and the attached regulations and addendums. If a permit is issued, I agree to the terms, conditions and regulations as stated.

I ☒ do ☐ do not (√ one) possess a valid federal rehabilitation permit. Federal Permit Number: MB 102606 1

If issued, I ☒ do ☐ do not (√ one) want public rehabilitation calls referred to me. Telephone No.: 734 996 5858

If issued, I ☒ do ☐ do not (√ one) want to assist with Great Lakes environmental disaster rehabilitation.

Carole A Danger — Signature – Permittee

2/10/10 — Date

Submit this completed Application, and attachments if any, to:

EXPIRES ON

DECEMBER 31, 2015

REHABILITATION PERMIT COORDINATOR,
LAW ENFORCEMENT DIVISION,
MICHIGAN DEPARTMENT OF NATURAL RESOURCES
PO BOX 30031,
LANSING MI 48909-7531.

Following receipt of your application, a conservation officer may schedule an interview and inspection of the proposed rehabilitation facilities. Permits may be issued in person or by mail.

PERMIT TO POSSESS WILDLIFE FOR REHABILITATION

The above listed person and any subpermittees listed on Part 2 are authorized to rehabilitate the following animals:

Non-Migratory Birds & Mammal in accordance with state.
Threatened & Endangered Species in accordance with state & federal regulations.

District Law Enforcement Signature (Primary facilities Approval) — *Date* — *Wildlife Rehabilitation Permit Coordinators Signature* — *Date* 4/7/10

PERMIT TERMS AND CONDITIONS

LIABILITY. Permittee hereby releases, waives, discharges and covenants not to sue, the State of Michigan, its departments, officers, employees and agents, from any and all liability to Permittee, its officers, employees and agents, for all losses, injury, death or damage, and any claims or demands therefore, on account of injury to person or property, or resulting in death of Permittee, its officers, employees or agents, whether caused by the State of Michigan, its departments, officers, employees or agents, in reference to the activities of this permit.

INDEMNIFICATION. Permittee hereby covenants and agrees to indemnify and save harmless, the State of Michigan, its departments, officers, employees and agents, from any and all claims and demands, for all loss, injury, death or damage, that any person or entity may have or make, in any manner, arising out of any occurrence related to (1) this permit; (2) the activities authorized by this permit; and (3) the use or occupancy of the premises which are the subject of this permit, as well as any other state-owned lands. This indemnification and save harmless agreement shall extend to all loss, injury, death or damage, proximately caused or arising out of the negligence of the State of Michigan, its departments, officers, employees and agents

DO NOT SEPARATE. After approval, copies will be distributed as follows:
Permittee — Law Enforcement Headquarters — Law Enforcement District

Severstal International

MID 087738431

May 15, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: April 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The April monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. This report contains the April wildlife survey report by MEC Environmental Consulting, and the operators' inspection logs. No wildlife was potentially exposed in the month of April.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9375
E: Jim.Earl@severstalna.com
www.severstalna.com

CONTINUING EMERGENCY MEASURES

MONTHLY PROGRESS REPORT
FOR
April 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period April 1 through April 30, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place across the East and West Sludge Ponds. New netting was installed to replace the old netting at the North end of the Primary Lagoon in April 2013. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

A Wildlife Survey was conducted on April 19, 2013 and a copy of the report is provided in Appendix A. Inspection reports show seasonal activities observed in the general area, and no significant issues at the site were identified.

On several occasions of red winged black birds, blue herons, Canada geese, robins, and mallards were observed at near or using one of the treatment plant impoundments and were scared off with the air horns. The birds flew or ran away after horn blasts, so persistent hazing with the air horn was necessary.

And one occasion, a couple of the mallards got underneath of the netting of the East Sludge pond through a small side gap between the netting and the ground. The operator was able to lift the net up and the mallards flew away. The East Sludge pond currently is not an active pond and has no oil on it. The mallards showed no sign injury. The opening was repaired on the same day.

The summary of daily inspection findings is provided in Appendix B. Copies of the inspection reports are also provided in Appendix B. Daily Inspections show normal activities observed throughout the area.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in April. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by vacuum truck.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place and propane cannons operated properly in April 2013. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence*? In April, there were observations of red winged black birds, blue herons, killdeers, Canada geese, robins, common grackles, mallards overflight or around the Bermed area. As reported, the birds flew away on its own or after horn blasts, so persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix B.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

12,200 gallons of oil-water mixture were hauled off-site in the month of April 2013. Copies of the manifests for the loads are in Appendix C.

APPENDIX A

Wildlife Survey

MEC ENVIRONMENTAL CONSULTING

VIA FEDERAL EXPRESS

May 14, 2013

Mr. James E. Earl
Severstal Dearborn, LLC.
14661 Rotunda Drive
Post Office Box 1699
Dearborn, MI 48120-1699

Subject: Schaefer Road Wastewater Treatment Plant: 2013 Wildlife Survey #2 (P. N. 00330)

Dear Jim:

I am very pleased to present the enclosed letter report for the subject project in partial fulfillment of your Purchase Order No. 621862. This survey constitutes the monthly bird survey in accordance with your Continuing Emergency Measures (CEM) Workplan in response to EPA Administrative Order Docket No. R7003-5-00-001.

The April survey was completed on Friday, April 19, 2013. A total of 45 sets of five-minute observations was made from 05:15 to 21:24 at five different stations located at significant vantage points at the Schaefer Road Wastewater Treatment Plant (SRWWTP). Observations were made at this frequency in order to ensure a complete and scientifically sound inventory, to ensure quality assurance of the data collected, and to evaluate allegations of wildlife utilization of the impoundments. Observations were both visual and aural. Visual observations were made using Zeiss FL T* 10 x 42 power binoculars. The location of the five stations designated by MEC Environmental Consulting, which have been used in previous surveys and will continue to be used in subsequent surveys, is presented in the first enclosed table.

Weather conditions varied greatly over the period, and were influenced by a large, relatively strong low pressure system centered over southwestern Quebec with a cold front extending southwest across the northern tip of the lower peninsula of Michigan and south through Michigan to northern Mexico, and a warm front extending west into Wisconsin. The cold front passed through the region in the late morning. Conditions were also influenced by a strengthening high pressure system centered over northern Texas. Barometric pressure, based on radio-broadcast readings from Detroit Metro Airport, was 29.43 in.-Hg and falling at 04:00, 29.37 in.-Hg and rising at 07:00, 29.47 in.-Hg and rising at 10:00, 29.55 in.-Hg and rising at noon, 29.56 in.-Hg and rising at 13:00, 29.59 in.-Hg and rising at 15:00, and 29.75 in.-Hg and rising at 21:00. Relative humidity, also based on radio broadcast National Weather Service data, was 78% at 04:00, 82% at 07:00, 93% at 10:00, 62% at noon and 13:00, and 60% at 15:00. Sky conditions were cloudy throughout the period, with approximately two minutes of sunshine in the mid-afternoon. Temperatures rose slightly and then steadily fell throughout the period and ranged from 56° F at 04:54, to 58° F around 06:28, to 49° F around 07:46, to 48° F around 08:16, to 42° F around 10:34, 11:43, 12:11, 13:11, and 18:40, to 40° F around 19:27, to 39° F around 20:33, and to 36° F around 21:19. Winds were generally out of the south, until around 07:00 when winds shifted to out of the west until around 10:30 when winds briefly shifted to out of the south-southwest. Winds

1003 AMELIA AVENUE ROYAL OAK, MICHIGAN 48073-2704
VOICE: (248) 585-3800 mecec@comcast.net FAX: (248) 585-8404

continued out of the west until mid-afternoon when winds shifted to out of the southwest, and occasionally out of the west, and continued for the remainder of the period. Wind speed generally increased to gale force throughout the period, subsiding slightly in the evening. Speeds were approximately 8-16 mph until around 07:00, when speeds increased to approximately 10-20 mph, with gusts to 30 mph. Around 11:00 speeds increased to approximately 25-35 mph with gusts to 45 mph until approximately 20:00 when speeds decreased to approximately 20-30 mph. Light rain fell throughout most of the morning. Brief periods of sleet fell beginning around 18:45. Areas of ponded water were noted in several places, particularly the plain and perimeter road northwest of the Primary Lagoon as well as the roads north of the Secondary Lagoon. Sunrise was at 06:46; sunset was at 20:20.

A total of 27 bird species was observed within the fenceline of the SRWWTP. This species total is one higher than the April mean of 26. Unseasonably warm temperatures and strong south winds the previous day brought a large influx of avian migrants into the region. Some nocturnal migrants likely moved into the region early in the morning ahead of the passage of a major cold front. Despite these favorable conditions, the number as well as the variety of birds found at the SRWWTP was not as high as anticipated. Although it is likely that some birds escaped detection due to precipitation and high winds, which hampered aural observation, habitat modifications and deterrents put into place at the SRWWTP are a definite factor in the observed lack of both numbers and species diversity. Significantly, no individuals were observed on or in any treatment pond or lagoon. Only one individual was observed to be immediately adjacent to a treatment pond or lagoon. This information indicates that the measures taken at the SRWWTP are effective.

No non-human mammalian species was observed during the survey.

One reptilian species was observed during the survey: Painted Turtle (*Chrysemys picta*). At 15:33 one individual was observed in the water of the northwest side of the Diked Lagoon approximately 35 feet east of the northwest corner and approximately 2 feet south of the shoreline. The turtle was observed to be sticking its snout above the surface of the water while it stood on the bottom of the lagoon. After 90-180 seconds it was observed to retract its snout from the surface and to slowly move into deeper water. The turtle did not appear to be oiled. No oil was observed on the surface of this section of the Diked Lagoon.

Two amphibian species were observed during the survey: Western Chorus Frog (*Pseudacris triseriata*) and American Toad (*Bufo americanus*). Around 05:56 approximately 20 to 30 Western Chorus Frogs were observed to call from the bermed area proper. These vocalizations were heard consistently throughout the entire period, oftentimes from Station No. 4, approximately 250 feet from the bermed area. At times the chorus drowned out other sounds at Station No. 5. At 07:21 three to five Western Chorus Frogs were observed to vocalize from the dogleg of the bermed area. At 15:12 several Western Chorus Frogs were observed to vocalize from the dogleg of the bermed area. Around 05:56 two to three American Toads were observed to vocalize from the west end of the bermed area proper or north end of the dogleg of the bermed area. None of these individuals were actually seen.

The entire shoreline of each treatment lagoon was systematically checked at least once during the day. Only the shorelines of the Primary Lagoon (except the north bank and the northwest end under the net), Diked Lagoon, sludge ponds (except for the inaccessible

west side of the West Sludge Pond) and the southwest and south sides of the Secondary Lagoon, however, were walked due to the fact that these were moderately sloped compared to the steep slopes of the rest of the impoundments. The shorelines of the steeply-sloped impoundments not walked were searched from top of grade from several angles using binoculars. Animal sign observed during this search is summarized in the third enclosed table. Photographs, including those of animal sign, are enclosed.

No carcasses or remains were found.

If you have any questions regarding this report please call me at (248) 585-3800. Thank you for choosing MEC Environmental Consulting for your wildlife management needs.

Sincerely yours,

MEC ENVIRONMENTAL CONSULTING

Michael E. Carlson
Principal

enclosures

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY STATIONS

No.	Location	Vantage Point for . . .
1	Between East and West Sludge Ponds, on the south side, between the two guard rails	East Sludge Pond West Sludge Pond South Clarifier (part)
2	East side of Secondary Lagoon at north end of guard rail opposite the North Clarifier	Secondary Lagoon North Clarifier (most)
3	South central end of Primary Lagoon just east of weather station	Primary Lagoon
4	Southeast corner of Diked Lagoon	Diked Lagoon Secondary Lagoon (except S end) Primary Lagoon
5	South Central Side of Bermed Area*	Bermed area*, except west end (including dogleg) Diked Lagoon

* not a wastewater treatment pond or lagoon

SCHAEFER ROAD WASTEWATER TREATMENT PLANT
BIRD SURVEY RESULTS
Friday, April 19, 2013

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Common Loon	*Gavia immer*								
Pied-billed Grebe	*Podilymbus podiceps*								
Horned Grebe	*Podiceps auritus*								
Double-crested Cormorant	*Phalacrocorax auritus*								
American Bittern	*Botaurus lentiginosus*								
Great Blue Heron *	*Ardea herodias*								
Great Egret *	*Ardea alba*								
Snowy Egret	*Egretta thula*								
Green Heron *	*Butorides virescens*								
Black-crowned Night-Heron *	*Nycticorax nycticorax*								
Yellow-crowned Night-Heron	*Nyctanassa violacea*								
Glossy Ibis	*Plegadis falcinellus*								
Turkey Vulture	*Cathartes aura*								
Snow Goose	*Chen caerulescens*								
Cackling Goose	*Branta hutchinsii*								
Canada Goose *	*Branta canadensis*	7	X			X	X	X	1, 2
Mute Swan *	*Cygnus olor*								
Tundra Swan	*Cygnus columbianus*								
Wood Duck *	*Aix sponsa*								
Gadwall	*Anas strepera*								
American Wigeon	*Anas americana*								
American Black Duck *	*Anas rubripes*								
Mallard *	*Anas platyrhynchos*	8	X		X	X	X	X	1, 3
Blue-winged Teal *	*Anas discors*								
Northern Shoveler	*Anas clypeata*								
Northern Pintail	*Anas acuta*								
Green-winged Teal	*Anas crecca*								
Canvasback	*Aythya valisineria*								
Redhead	*Aythya americana*								
Ring-necked Duck	*Aythya collaris*								
Greater Scaup	*Aythya marila*								
Lesser Scaup	*Aythya affinis*								
Long-tailed Duck	*Clangula hyemalis*								
Bufflehead	*Bucephala albeola*								
Common Goldeneye	*Bucephala clangula*								
Hooded Merganser	*Lophodytes cucullatus*								
Red-breasted Merganser	*Mergus serrator*								
Common Merganser	*Mergus merganser*								
Ruddy Duck	*Oxyura jamaicensis*								
Osprey	*Pandion haliaetus*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Bald Eagle	*Haliaeetus leucocephalus*								
Northern Harrier	*Circus cyaneus*								
Sharp-shinned Hawk	*Accipiter striatus*								
Cooper's Hawk *	*Accipiter cooperii*								
Broad-winged Hawk	*Buteo platypterus*								
Red-tailed Hawk *	*Buteo jamaicensis*	1				X			1, 4, 5, 6
Rough-legged Hawk	*Buteo lagopus*								
American Kestrel *	*Falco sparverius*								
Merlin	*Falco columbarius*								
Peregrine Falcon	*Falco peregrinus*								
Ring-necked Pheasant *	*Phasianus colchicus*	1						X	1, 5, 7
Northern Bobwhite *	*Colinus virginianus*								
Virginia Rail	*Rallus limicola*								
Sora	*Porzana carolina*								
Common Gallinule	*Gallinula galeata*								
American Coot	*Fulica americana*								
Black-bellied Plover	*Pluvialis squatarola*								
American Golden-Plover	*Pluvialis dominica*								
Semipalmated Plover	*Charadrius semipalmatus*								
Killdeer *	*Charadrius vociferus*	9	X		X	X	X	X	1, 5, 8
Greater Yellowlegs	*Tringa melanoleuca*								
Lesser Yellowlegs	*Tringa flavipes*								
Solitary Sandpiper	*Tringa solitaria*								
Spotted Sandpiper *	*Actitis macularius*								
Whimbrel	*Numenius phaeopus*								
Ruddy Turnstone	*Arenaria interpres*								
Red Knot	*Calidris canutus*								
Sanderling	*Calidris alba*								
Semipalmated Sandpiper	*Calidris pusilla*								
Western Sandpiper	*Calidris mauri*								
Least Sandpiper	*Calidris minutilla*								
White-rumped Sandpiper	*Calidris fuscicollis*								
Baird's Sandpiper	*Calidris bairdii*								
Pectoral Sandpiper	*Calidris melanotos*								
Dunlin	*Calidris alpina*								
Short-billed Dowitcher	*Limnodromus griseus*								
Wilson's Snipe	*Gallinago delicata*								
American Woodcock *	*Scolopax minor*	2					X	X	1, 5, 7, 9
Wilson's Phalarope	*Phalaropus tricolor*								
Bonaparte's Gull	*Chroicocephalus philadelphia*								
Ring-billed Gull *	*Larus delawarensis*	1					X	X	1, 4, 5, 10
Herring Gull *	*Larus argentatus*	11	X		X		X	X	1, 4, 5, 11
Thayer's Gull	*Larus thayeri*								
Glaucous Gull	*Larus hyperboreus*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Great Black-backed Gull	*Larus marinus*								
Caspian Tern	*Hydroprogne caspia*								
Common Tern *	*Sterna hirundo*								
Forster's Tern *	*Sterna forsteri*								
Black Tern *	*Chlidonias niger*								
Rock Pigeon *	*Columba livia*								
Mourning Dove *	*Zenaida macroura*	3	X		X				1, 5, 12
Black-billed Cuckoo	*Coccyzus erythropthalmus*								
Eastern Screech Owl *	*Megascops asio*								
Great Horned Owl *	*Bubo virginianus*								
Snowy Owl	*Bubo scandiacus*								
Short-eared Owl	*Asio flammeus*								
Common Nighthawk	*Chordeiles minor*								
Chimney Swift *	*Chaetura pelagica*								
Ruby-throated Hummingbird *	*Archilochus colubris*								
Belted Kingfisher *	*Ceryle alcyon*								
Red-headed Woodpecker *	*Melanerpes erythrocephalus*								
Red-bellied Woodpecker *	*Melanerpes carolinus*								
Downy Woodpecker *	*Picoides pubescens*								
Hairy Woodpecker *	*Picoides villosus*								
Northern Flicker *	*Colaptes auratus*	1						X	1, 5, 7, 13
Eastern Wood-Pewee *	*Contopus virens*								
Yellow-bellied Flycatcher	*Empidonax flaviventris*								
Alder Flycatcher	*Empidonax alnorum*								
Willow Flycatcher *	*Empidonax traillii*								
Least Flycatcher *	*Empidonax minimus*								
Eastern Phoebe	*Sayornis phoebe*								
Great Crested Flycatcher *	*Myiarchus crinitus*								
Eastern Kingbird *	*Tyrannus tyrannus*								
White-eyed Vireo	*Vireo griseus*								
Blue-headed Vireo	*Vireo solitarius*								
Yellow-throated Vireo *	*Vireo flavifrons*								
Warbling Vireo *	*Vireo gilvus*								
Philadelphia Vireo	*Vireo philadelphicus*								
Red-eyed Vireo *	*Vireo olivaceus*								
Blue Jay *	*Cyanocitta cristata*								
American Crow *	*Corvus brachyrhynchos*								
Horned Lark	*Eremophila alpestris*								
Purple Martin *	*Progne subis*								
Tree Swallow *	*Tachycineta bicolor*								
Northern Rough-winged Swallow*	*Stelgidopteryx serripennis*								
Bank Swallow *	*Riparia riparia*								
Barn Swallow *	*Hirundo rustica*								
Cliff Swallow *	*Petrochelidon pyrrhonota*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Black-capped Chickadee *	*Poecile atricapillus*								
Tufted Titmouse *	*Baeolophus bicolor*								
Red-breasted Nuthatch	*Sitta canadensis*								
White-breasted Nuthatch *	*Sitta carolinensis*								
Brown Creeper	*Certhia americana*								
Carolina Wren *	*Thryothorus ludovicianus*								
House Wren *	*Troglodytes aedon*								
Winter Wren	*Troglodytes hiemalis*								
Sedge Wren	*Cistothorus platensis*								
Marsh Wren	*Cistothorus palustris*								
Blue-gray Gnatcatcher	*Polioptila caerulea*								
Golden-crowned Kinglet	*Regulus satrapa*								
Ruby-crowned Kinglet	*Regulus calendula*								
Eastern Bluebird	*Sialia sialis*								
Veery	*Catharus fuscescens*								
Gray-cheeked Thrush	*Catharus minimus*								
Swainson's Thrush	*Catharus ustulatus*								
Hermit Thrush	*Catharus guttatus*								
Wood Thrush *	*Hylocichla mustelinus*								
American Robin *	*Turdus migratorius*	20	X	X	X	X	X	X	1, 5, 14
Gray Catbird *	*Dumetella carolinensis*								
Northern Mockingbird	*Mimus polyglottos*								
Brown Thrasher *	*Toxostoma rufum*	1						X	1, 5, 7, 13
European Starling *	*Sturnus vulgaris*	37	X	X	X		X	X	1, 5, 15, 16
American Pipit	*Anthus rubescens*								
Cedar Waxwing *	*Bombycilla cedrorum*								
Blue-winged Warbler	*Vermivora cyanoptera*								
Golden-winged Warbler	*Vermivora chrysoptera*								
Tennessee Warbler	*Oreothlypis peregrina*								
Orange-crowned Warbler	*Oreothlypis celata*								
Nashville Warbler *	*Oreothlypis ruficapilla*								
Northern Parula	*Setophaga americana*								
Yellow Warbler *	*Setophaga petechia*								
Chestnut-sided Warbler	*Setophaga pensylvanica*								
Magnolia Warbler	*Setophaga magnolia*								
Cape May Warbler	*Setophaga tigrina*								
Black-throated Blue Warbler	*Setophaga virens*								
Yellow-rumped Warbler	*Setophaga coronata*								
Black-throated Green Warbler	*Setophaga virens*								
Pine Warbler	*Setophaga pinus*								
Prairie Warbler	*Setophaga discolor*								
Palm Warbler	*Setophaga palmarum*								
Bay-breasted Warbler	*Setophaga castanea*								
Blackpoll Warbler	*Setophaga striata*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Cerulean Warbler	*Setophaga cerulea*								
Black-and-white Warbler	*Mniotilta varia*								
American Redstart	*Setophaga ruticilla*								
Prothonotary Warbler	*Protonotaria citrea*								
Ovenbird *	*Seiurus aurocapilla*								
Northern Waterthrush	*Parkesia noveboracensis*								
Mourning Warbler *	*Geothlypis philadelphia*								
Common Yellowthroat *	*Geothlypis trichas*								
Wilson's Warbler	*Cardellina pusilla*								
Canada Warbler	*Cardellina canadensis*								
Yellow-breasted Chat	*Icteria virens*								
Scarlet Tanager *	*Piranga olivacea*								
Eastern Towhee *	*Pipilo erythrophthalmus*	2						X	1, 5, 7, 13
American Tree Sparrow	*Spizella arborea*	1					X		1, 5, 13, 17
Chipping Sparrow *	*Spizella passerina*	2			X		X	X	1, 5, 13, 18
Field Sparrow *	*Spizella pusilla*	1				X			1, 5, 7, 13, 19
Vesper Sparrow *	*Pooecetes gramineus*								
Savannah Sparrow *	*Passerculus sandwichensis*	1					X		1, 5, 7, 13, 20
Grasshopper Sparrow	*Ammodramus savannarum*								
Henslow's Sparrow	*Ammodramus henslowii*								
Fox Sparrow	*Passerella iliaca*								
Song Sparrow *	*Melospiza melodia*	4	X				X	X	7, 13, 21
Lincoln's Sparrow	*Melospiza lincolnii*								
Swamp Sparrow *	*Melospiza georgiana*	3						X	1, 5, 7, 13
White-throated Sparrow	*Zonotrichia albicollis*	2					X	X	1, 5, 7, 13, 22
White-crowned Sparrow	*Zonotrichia leucophrys*								
Dark-eyed Junco	*Junco hyemalis*								
Lapland Longspur	*Calcarius lapponicus*								
Snow Bunting	*Plectrophenax nivalis*								
Northern Cardinal *	*Cardinalis cardinalis*	2						X	1, 5, 7
Rose-breasted Grosbeak *	*Pheucticus ludovicianus*								
Indigo Bunting *	*Passerina cyanea*								
Dickcissel	*Spiza americana*								
Bobolink *	*Dolichonyx oryzivorus*								
Red-winged Blackbird *	*Agelaius phoeniceus*	34	X	X	X	X	X	X	1, 5, 23
Eastern Meadowlark *	*Sturnella magna*								
Rusty Blackbird	*Euphagus carolinus*	2						X	1, 5, 13, 24
Common Grackle *	*Quiscalus quiscula*	53	X			X	X	X	1, 5, 25
Brown-headed Cowbird *	*Molothrus ater*	3			X	X			1, 5, 13, 26
Orchard Oriole *	*Icterus spurius*								
Baltimore Oriole *	*Icterus galbula*								
Purple Finch	*Haemorhous purpureus*								
House Finch *	*Haemorhous mexicanus*								
Red Crossbill	*Loxia curvirostra*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
White-winged Crossbill *	*Loxia leucoptera*								
Common Redpoll	*Acanthis flammea*								
Pine Siskin *	*Spinus pinus*								
American Goldfinch *	*Spinus tristis*	3					X	X	1, 5, 7, 13, 27
Evening Grosbeak	*Coccothraustes vespertinus*								
House Sparrow *	*Passer domesticus*								
SPECIES TOTAL		27							

LEGEND

Number means the maximum total observed within the fenceline at the facility; effort was made to avoid any double-counting.

* Indicates species known or suspected to breed in the general area encompassing the site based on generalized state maps (showing county boundaries) presented in "The Atlas of Breeding Birds of Michigan" by R. Brewer et al. (MSU Press: East Lansing, 1991). It should be emphasized that many of the species indicated as breeding birds have specific habitat requirements that are not met by the industrial environment at the Schaefer Road Wastewater Treatment Plant (SRWWTP) and the surrounding area. Thus, species marked with an asterisk above should not be assumed to breed at or even adjacent to the SRWWTP.

Species list adapted from "Bird Checklist of Michigan" (Thayer's Birding Software, 1999) considering habitat provided by site and immediately surrounding areas. Nomenclature is based on the 53rd Supplement to the American Ornithologists' Union "Checklist of North American Birds" (2012).

Bird data collected at five different stations over five-minute intervals throughout the day. Survey performed by Michael Carlson from 5:15 AM to 9:19 PM.

X indicates observations made. It should be emphasized that "X" means that the species was observed within the fenceline of the SRWWTP in proximity to the particular impoundment and, unless otherwise noted, not on or in contact with the water or immediately adjacent to the water at a particular impoundment. In many cases, the species was observed flying over the pond, sometimes higher than 200 feet.

Impoundment Designations:

- L Sludge Ponds
- C Clarifiers
- S Secondary Lagoon
- P Primary Lagoon
- D Diked Lagoon

Other Area Designations:

- B Bermed Area

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Friday, April 19, 2013

NOTES

1. Individual(s) was not observed at or near the water's edge of any of the wastewater treatment ponds and lagoons.

2. At 08:54 two individuals were observed to fly east over the Diked Lagoon at an estimated height of approximately 125-150 feet above ground surface. Around 09:31 two individuals were observed to fly east-northeast and to circle the Primary Lagoon at an estimate height of approximately 50-80 feet above ground surface. This presumably mated pair was observed to slow their flight over the Primary Lagoon and then to fly back west towards the Rouge River. This behavior was construed as interest in the SRWWTP. At 10:15 one individual was observed to stand in the water of the dogleg of the bermed area. Around 10:23 a presumed mated pair was observed to noisily fly northeast and then north over the Primary Lagoon at an estimated height of approximately 20-30 feet above ground surface. At 10:40 possibly the same pair was observed to fly southeast over the Sludge Ponds at an estimated height of approximately 40-60 feet above ground surface. Several of these birds were viewed through binoculars at relatively close range. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that any oil would likely have been apparent on these birds, due to the white throat-cheek patch, white vent, white femoral tract and rump, and pale breast which characterize this species.

3. At 07:21 one drake was observed to fly rapidly south over the bermed area proper, Diked Lagoon, and Primary Lagoon at an estimated height of approximately 80-160 feet above ground surface. At 07:31 presumably a mated pair was observed to fly north over the western edge of the SRWWP and dogleg of the bermed area at an estimated height of approximately 80-100 feet above ground surface. At 08:59 a drake was observed to flush from the surface of the water of the dogleg of the bermed area due to the approach of the wildlife specialist. The bird rapidly flew to the west, exiting the SRWWTP. Around 09:31 one individual was observed to fly over the Sludge Ponds at an estimated height of approximately 100-120 feet above ground surface. Around 21:11 two individuals were observed to call from the airspace over the Secondary and Primary Lagoons. Based on the vocalizations, these birds seemed to be flying relatively low, although they were not seen due to the fact that the observation was made almost one hour after sunset on a cloudy evening. The low flight was construed conservatively to indicate interest in the SRWWTP. Several of the individuals seen were viewed through binoculars in good light. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that any oil would likely have been apparent on these birds due to the whitish belly and tail, white border of speculum, and white underwing coverts which are characteristic of the plumage in both sexes of this species.

4. Individual(s) observed flying over the SRWWTP.

5. Individual(s) showed no interest in water surfaces of the SRWWTP wastewater treatment ponds and lagoons.

6. At 16:01 one adult was observed to fly east over the Primary Lagoon at an estimated height of approximately 150-180 feet above ground surface, and then to fly back west. This bird was observed to glide and turn in basically a circular manner as though looking (hunting) for prey on the ground. This individual was viewed through binoculars, albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been apparent on these birds due to the whitish throat, breast, vent, undertail coverts, and underwing coverts as well as the light red coloration of the tail which generally characterize the adult plumage of this species.

7. Individual heard, but not seen.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Friday, April 19, 2013

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(Continued)

8. Four pairs appeared to be persistently present at the SRWWTP and likely will attempt to breed: one pair associated with the plain south of the East Sludge Pond, a second pair associated with the plain south of the Primary Lagoon, the third pair associated with the south end of the plain west of the Primary Lagoon, and the fourth pair associated with the east end of the bermed area loop road and road north of the Secondary and Primary Lagoons. At 05:37 one individual was observed to flush from near the top of the northeast bank of the Secondary Lagoon approximately 20 feet south of the pumphouse and to noisily call due to the approach of the wildlife specialist. At 05:42 two individuals, possibly a mated pair, were observed to call from the ground near the intersection of the main north-south road and the road north of the Secondary and Primary Lagoons. One of these birds was presumed to be that observed five minutes previously. Approximately 30 seconds later one individual was observed to fly east and then north over the east outer slope of the Diked Lagoon. At 5:45 the second individual was observed to flush, likely from the approach of the wildlife specialist, and to fly a short distance to the west and to land in the road north of the Primary Lagoon. Around 05:49 one individual was observed to call from what sounded like the road west of the Diked Lagoon. At 06:07 three individuals were observed to call noisily from the ground of the plain northwest of the Primary Lagoon. Around 06:28 one individual was observed to call from the ground of the plain south of the East Sludge Pond. Around 07:36 one individual was observed to call from what sounded like the west perimeter road near the stairs to the Secondary Lagoon outfall. Seconds later this bird was observed to fly north-northwest over the plain south of the Primary Lagoon, and to land in the west perimeter road just west of the southwest corner of the Primary Lagoon fence and to call. Around 07:46 one individual was observed to call from the airspace over the East Sludge Pond. At 09:03 two individuals were observed to call from the plain west of the Primary Lagoon. At 09:09 three individuals were observed to alarm call and to flush from the south end of the plain west of the Primary Lagoon due to the approach of the wildlife specialist. All 3 birds were observed to noisily fly north at an estimated height of approximately 20-60 feet above ground surface. At the same time two individuals were observed to call from the plain south of the Primary Lagoon. Around 09:13 one individual was observed to fly south over the plain south of the Primary Lagoon and to land in the west perimeter road opposite the stairs to the Secondary Lagoon outfall. Approximately 120 seconds later two individuals were observed to noisily fly west over the Primary Lagoon. Around 09:21 likely one of the same individuals was observed to call from what sounded like the plain west of the Primary Lagoon. Around 10:23 three individuals were observed to rest in the grass in the plain south of the Primary Lagoon. Around 11:23 one individual was observed to call from the airspace over the Primary Lagoon. Around 11:30 one individual was observed to call from what sounded like the plain north of the Primary Lagoon. At 12:02 one individual was observed to flush from the north central side of the plain south of the Primary Lagoon at Station No. 3 due to the approach of the wildlife consultant, and to fly a short distance to the west. Around 12:03 this same individual was observed to call from the ground of the west perimeter road opposite the southwest corner of the Primary Lagoon fence. At 15:22 one individual was observed to call from the middle of the intersection of the main north-south road and the east-west road north of the Primary and Secondary Lagoons. Around 18:56 two individuals were observed to call: one from what sounded like the east end of the bermed area loop road and one from the road north of the Primary Lagoon. Around 20:17 one individual was observed to call from what sounded like the plain west of the Primary Lagoon. Around 21:11 three individuals were observed to call from the plain south of the Primary Lagoon. Most of these individuals were viewed through binoculars- some at relatively close range. No evidence of oil or discoloration, or matted feathers was observed on any of these individuals. It should be noted that any oil would likely have been apparent on these birds, due to the white eyebrow, forehead, throat, collar, lower breast, belly, vent, wing stripe, tail tip, and underwing coverts that characterize the adult plumage of this species.

9. Around 05:49 one individual was observed to give its nasal ground call from what sounded like the south central outer slope of the Diked Lagoon. Around 20:51 presumably the same individual was observed to give its nasal ground call from the south central outer slope of the Diked Lagoon. Around 20:59 this same individual was observed to give its nasal ground call and a second individual was observed to give its nasal ground call from the dogleg of the bermed area.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Friday, April 19, 2013

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(Continued)

10. Around 11:30 one individual was observed to fly east over the Diked Lagoon and east bermed area at an estimated height of approximately 120-150 feet above ground surface. This individual was observed to glide and to turn over the east outer slope of the Diked Lagoon. This behavior, however, was likely acrobatic play in very strong west winds and not indicative of interest in the Diked Lagoon or the SRWWTP. This bird was viewed through binoculars albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been very apparent due to the bird's prominent white plumage on the head, breast, belly, tail, and underwing.

11. Around 05:49 two individuals were observed to call from the airspace over the bermed area and Diked Lagoon. Around 05:56 one individual was observed to call from the airspace over the bermed area. Around 06:28 one individual was observed to call from the airspace over the Sludge Ponds. Around 10:34 presumably a different individual was observed to call from the airspace over the Sludge Ponds. Around 11:08 two individuals were observed to call from the airspace over the Diked Lagoon and bermed area. Around 11:23 one individual was observed to call from the airspace over the bermed area. At 16:17 one adult was observed to fly east over the south end of the dogleg of the bermed area at an estimated height of approximately 150-180 feet above ground surface. Seconds later the bird was observed to turn and to fly west, exiting the SRWWTP. This bird was obviously acrobatting in the gale force west winds. Thus, its brief flight into the SRWWTP airspace likely was not indicative of interest in the facility. Around 20:17 two individuals were observed to call from the airspace over the Secondary Lagoon. Many of these birds were likely flying at a height of over 200 feet above ground surface. Only one of the individuals (16:17) was seen and briefly viewed through binoculars. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been very apparent on this bird, due to the prominent white plumage on the head, breast, belly, and underwing which characterizes the third and fourth year plumage of this species.

12. At 13:29 one individual was observed to fly south over the East Sludge Pond at an estimated height of approximately 35-60 feet above ground surface. At 14:00 presumably a different individual was observed to fly south over the East Sludge Pond at an estimated height of approximately 30-50 feet above ground surface. At 19:53 one individual was observed to flush from near the east perimeter road near the pumphouse. Only the bird's wing noise was observed. Only one of the two birds seen was viewed through binoculars, and this bird appeared as a silhouette. The other bird seen, viewed only through the naked eye, also appeared as a silhouette. Therefore, no conclusions can be made concerning the condition of plumage of these individuals.

13. Individual(s) likely recently arrived migrant(s) or still in the process of migration.

14. Approximately 5 pairs appear to be present and likely attempting to breed at the SRWWTP. These are associated with the following locations: 1) east perimeter fence near the southeast gate; 2) east perimeter fence near the northeast gate; 3) east outer slope of the Diked Lagoon; 4) bermed area proper; and, 5) south end of dogleg of bermed area. At least one other pair, breeding west of and outside the facility, may also be utilizing the grassy plains of the SRWWTP for foraging. Upon his arrival to the SRWWTP shortly after 05:00, the wildlife specialist observed individuals singing, although few seemed to be from locations inside the perimeter fence. Several individuals were observed to sing from the bermed area around 05:49, and then in the evening around 19:02. Observations of such individuals only heard singing or calling from the bermed area are not presented here. Around 05:49 one individual was observed to sing from the east outer slope of the Diked Lagoon. Around 06:16 one individual was observed to sing from what sounded like the northeast side of the Primary Lagoon fence. Around 06:28 two individual were observed to sing: one from a tree south of the southeast gate of the perimeter fence, and the other one to call from what sounded like the east perimeter fence opposite the south clarifier. Presumably these same birds, a mated pair, were observed to forage on the ground around 06:46 in the east perimeter road immediately northwest of the SRWWTP Office. Around 07:00 one individual was observed to rest on the northeast side of the Primary Lagoon fence opposite the utility tower. At 07:27 one individual was observed to flush, due to the approach of the wildlife specialist, from the east shoulder of the west

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(Continued)

road to the Diked Lagoon at the far northwest corner of the plain west of the Primary Lagoon, and to fly a short distance to the east. The bird was observed to land on the ground at the toe of the west end of the south outer slope of the Diked Lagoon, and to forage. Around 07:36 one individual was observed to call from the airspace over the Primary Lagoon. Around 07:46 one individual was observed to sing, likely from a tree at the east perimeter fence opposite the south clarifier. At 09:03 one individual was observed to forage on the ground of the plain west of the Primary Lagoon. At 09:45 one individual was observed to flush from the lower middle slope of the east central bank of the Primary Lagoon likely due to the approach of the wildlife specialist. This bird was observed to fly a short distance north. At 11:05 one individual was observed to flush and fly up from near the top of the north central bank of the Secondary Lagoon. The bird was observed to fly a short distance northwest and to land on the top of the northwest bank of the lagoon. Seconds later the bird was observed to fly east-northeast to immediately east of the east end of the bermed area loop road where it was observed to forage. Around 11:08 possibly one of the same birds was observed to call from the east outer slope of the Diked Lagoon. Around 11:30 one individual was observed to call from the toe of the south end of the east outer slope of the Diked Lagoon. At 15:22 possibly the same individual was observed to forage in the road north of the Secondary Lagoon and on the ground at the south end of the toe of the east outer slope of the Diked Lagoon. Around 19:27 one individual was observed to forage in the grass under the southeast gate of the perimeter fence. At the same time one individual was observed to forage at the top of the southwest bank of the Secondary Lagoon. Most of the individuals seen were viewed through binoculars some at close to relatively close range. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that oil would likely have been apparent on these birds, due to the yellow bill, orangish breast and belly, white undertail coverts and small white tail spots which are characteristic of the plumage of this species.

15. Not a protected migratory bird.

16. At 05:56 four individuals were observed to vocalize from the *Phragmites* and *Typha* of the bermed area proper. Around 07:46, 10:34, and 20:17 one individual was observed to sing from what sounded like the east perimeter fence near the southeast gate. Around 08:47 one individual was observed to fly north over the Diked Lagoon and bermed area at an estimated height of approximately 80-100 feet above ground surface. Around 10:54 one individual was observed to forage in the grass on the east side of the east perimeter road opposite the east end of the north diagonal boom. At the same time 5 individuals were observed to forage at the top of the southeast bank of the Secondary Lagoon opposite the east end of the north diagonal boom. Around 12:11 two individuals were observed to forage in the grass near the top of the southeast bank of the Secondary Lagoon opposite the east end of the north diagonal boom. Seconds later both birds were observed to suddenly fly west over the Secondary Lagoon. At 14:36 one individual was observed to sing while perched on a wire at the top the SRWWTP Office. At 14:37 this bird was observed to fly west at an estimated height of approximately 35-65 feet above ground surface. Around 19:27 one individual was observed to forage in the grass of the plain south of the East Sludge Pond. Around 19:41 two individuals were observed to fly west over the bermed area. At the same time two individuals were observed to fly northwest over the West Sludge Pond. Around 20:06 twelve individuals were observed to vocalize from the *Phragmites* and *Typha* of the bermed area proper. At the same time two individuals were observed to fly over the bermed area. Around 20:59 two individuals were observed to vocalize from the *Phragmites* and *Typha* of the bermed area proper. Individuals likely night roosted in the vegetation of the bermed area. An estimate of the number of individuals in the night roost, however, was not made due to poor weather conditions and time constraints.

17. Around 19:56 one individual was observed to call from a small bush near the top of the east end of the south outer slope of the Diked Lagoon. This individual was viewed through binoculars for approximately 90 seconds. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that oil would likely have been apparent on this bird due to the pale grayish breast, whitish belly, and rufous cap which are characteristic of this species.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Friday, April 19, 2013

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(Continued)

18. At 07:15 one individual was observed to fly northeast over the Diked Lagoon and bermed area proper at an estimated height of approximately 20-40 feet above ground surface. The bird was observed to call at least once in flight and to briefly land in a small tree near the east end of the bermed area proper. Around 10:23 one individual was observed to call from what sounded like the top of southwest bank of the Secondary Lagoon. The latter bird was not viewed through binoculars and appeared only as a silhouette to the naked eye. Therefore, no conclusions can be made concerning the condition of plumage of this individual.

19. At 07:31 one individual was observed to call from the plain northwest of the Primary Lagoon.

20. Around 11:08 one possible individual was observed to call two or three times from the east end of the south outer slope of the Diked Lagoon.

21. Around 07:46 one individual was observed to call from what sounded like the top of the north central bank of the West Sludge Pond. Around 08:34 two individuals were observed to vocalize from the east outer slope of the Diked Lagoon. Around 09:51 presumably one of the same individuals was observed to sing from the east outer slope of the Diked Lagoon. Around 11:17 one individual was observed to sing from the bermed area proper. Around 20:51 one individual was observed to call from the east outer slope of the Diked Lagoon.

22. Around 05:56 one individual was observed to call from the bermed area proper. Around 07:00 another individual was observed to call from the east outer slope of the Diked Lagoon.

23. The first individual was observed vocalizing from the bermed area proper around 07:00. Approximately 3-10 individuals were observed to sing and call from the bermed area throughout much of the day. Observations of such singing and calling birds in the bermed area are not presented here. Around 07:00 one male was observed to rest and to call in a tree on the east outer slope of the Diked Lagoon. At 07:18 four males were observed to fly north over the west end of the Diked Lagoon and bermed area proper, with at least one of the birds chasing another. Around 09:21 one male was observed to forage in the grass immediately adjacent to the west perimeter fence approximately 45 feet southwest of the southwest corner of the Primary Lagoon fence. Around 09:31 one male was observed to call and to forage in *Phragmites* atop the net at the east side of the West Sludge Pond approximately 15 feet north-northwest of the skimmer tank. Around 09:51 one individual was observed to fly low south over the Diked Lagoon at an estimated height of approximately 20 feet above the water surface. Around 10:34 one male was observed to call from a wire near the utility pole east of the East Sludge Pond. Approximately 180 seconds later this individual was observed to fly north over the clarifiers. Around 19:02 three individuals were observed to rest in trees at the bermed area. Around 19:41 one individual was observed to call from what sounded like the pine trees along the east perimeter fence north of the tool shed. Individuals likely night roosted in the vegetation of the bermed area. An estimate of the number of individuals in the night roost, however, was not made due to poor weather conditions and time constraints.

24. Around 19:02 one individual was observed to call from the south central edge of the bermed area proper directly north of Station No. 5. The bird was quickly located in a tree and observed for approximately 60-90 seconds. Around 20:06 presumably a second individual was observed to vocalize from the bermed area proper.

25. The first individuals were observed vocalizing from the *Phragmites* and *Typha* of the bermed area proper around 05:56. Individuals were subsequently observed to call and to sing from the bermed area, particularly the dogleg west of the Diked Lagoon, throughout much of the morning. Observations of such vocalizing birds in the bermed area are not presented here. Around 06:28 one individual was observed to call from what sounded like the guardrail east of the East Sludge Pond. Around 07:00 two individuals were observed to fly from a tree on the east outer slope of the Diked Lagoon and to fly north-northwest. At 08:59 eight individuals were observed to fly over the dogleg of the bermed area. Around 09:51 two individuals were observed to forage in the grass of

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(Continued)

the west shoulder of the road west of the Diked Lagoon. At the same time one individual was observed to fly over the dogleg of the bermed area. Around 10:33 three individuals were observed to fly west-northwest over the Primary Lagoon at an estimated height of approximately 25 feet above ground surface. Around 11:17 two individuals were observed to rest in a tree in the bermed area. Around 11:30 a group of 11 individuals were observed to flush from trees in the dogleg of the bermed area due to the approach of the wildlife specialist. These birds were observed to scatter, mostly flying short distances to the west, and to land in trees and vegetation on the west side of the dogleg.

26. Around 09:13 one individual was observed to call from the airspace over the Primary Lagoon. At 09:20 two individuals were observed to call and to fly east over the plain south of the Primary Lagoon and the Secondary Lagoon at an estimated height of approximately 60-80 feet above ground surface.

27. Around 07:00 one individual was observed to call from the airspace over the Diked Lagoon. Around 10:03 one individual was observed to sing from the bermed area proper. Around 19:02 one individual was observed to call from the bermed area proper.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 4-19-13

1	Type: burrow	Species: EASTERN COTTONTAIL	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: near top of slope of the south bank of the Secondary Lagoon, approximately 6 feet west of the west end of guardrail section closest to the belt skimmer		Status: possibly active		☐ very old ☐ residual	From NA individual(s)
			Based on: first found in June 2012			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
2	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: at the top of the southeast bank of the Secondary Lagoon approximately 8 feet south-southwest west of belt skimmer		Status: inactive		☒ very old ☐ residual	From NA individual(s)
			Based on: entrance significantly subsided and overgrown; barely noticeable			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
3	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: Mid-slope of southeast bank of Secondary Lagoon approximately 3 feet southwest of belt skimmer		Status: probably inactive		☒ very old ☐ residual	From NA individual(s)
			Based on: lack of activity in 2012 and to date in 2013			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
4	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: mid-slope of east central side of Secondary Lagoon approximately 12 feet southwest of double yellow standpipe		Status: possibly inactive		☒ very old ☐ residual	From NA individual(s)
			Based on: no obvious modification to entrance			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
5	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 3	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: under southwest foundation of pumphouse at top of northeast bank of Secondary Lagoon		Status: possibly active		☒ very old ☐ residual	From NA individual(s)
			Based on: Woodchuck observed at burrow entrance at concrete slab during September 2011 survey.			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

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6	Type: excavation	Species: EASTERN COTTONTAIL	☐ certain ☐ probable ☒ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From 1 individual(s)
	Location: under west perimeter fence, approximately 70 feet southwest of southwest corner of Primary Lagoon fence		Status: NA			
			Based on: NA			Behavior: digging
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Under-fence dig. Closed with slag chunks.			
7	Type: dropping	Species: KILLDEER	☐ certain ☒ probable ☐ possible ☐ found before	#: 3	☒ fresh ☒ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged From 1 individual(s)
	Location: west road to Diked Lagoon opposite west central end of south central slope of Diked Lagoon		Status: NA			
			Based on: NA			Behavior: standing
	Photo #: 5	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Two of the three droppings were discovered in the evening.			
8	Type: burrow	Species: EASTERN COTTONTAIL	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From NA individual(s)
	Location: lower mid slope of northeast bank of Primary Lagoon under net, approximately 7 feet northeast of north end of railing		Status: unknown			
			Based on: NA			Behavior: NA
	Photo #: 9	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
9	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☒ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From NA individual(s)
	Location: outside (1 foot east of) east side of Primary Lagoon fence, approximately 8 feet north of utility pole near northeast corner of Primary Lagoon		Status: active			
			Based on: entrance enlarged			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Likely connected to Item 10.			
10	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☒ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From NA individual(s)
	Location: mid-slope of northeast bank of Primary Lagoon, approximately 15 feet northwest of utility pole		Status: probably active			
			Based on: entrance appears to have been modified slightly			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Likely connected to Item 9.			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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11	Type: runway	Species: MEADOW VOLE	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: middle to lower slope of south central bank of Primary Lagoon, approximately 60 feet east of southwest corner		Status: NA		☐ very old ☐ residual	From 2-3 individual(s)
			Based on: NA			Behavior: foraging
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Approximately 25 linear feet.			
12	Type: burrow	Species: EASTERN COTTONTAIL	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: Approximately 0.5 feet north of the south end of the steel headwall at the southeast corner of the Primary Lagoon and immediately adjacent to headwall		Status: probably active		☐ very old ☐ residual	From NA individual(s)
			Based on: opening appears to have been modified slightly			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
13	Type: dropping	Species: AMERICAN ROBIN	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: top of steel headwall, approximately 6 feet northeast of skimmer at west junction of north and south diagonal booms		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 11	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
14	Type: burrow	Species: EASTERN COTTONTAIL	☐ certain ☐ probable ☒ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: approximately 2.5 feet west of utility pole at top of southwest bank of Secondary Lagoon		Status: unknown		☒ very old ☐ residual	From NA individual(s)
			Based on: NA			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
15	Type: feather	Species: CANADA GOOSE	☐ certain ☒ probable ☐ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: approximately 12 feet south-southeast of utility pole at top of southwest bank of Secondary Lagoon		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: unknown
	Photo #: 12	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note: Pure white – down. Caught on vegetation. See Note 1.			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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16	Type: dropping	Species: KILLDEER	☐ certain ☒ probable ☐ possible ☐ found before	#: 1	☒ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: road north of Secondary Lagoon, approximately 25 feet east of northwest corner		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: standing
	Photo #: 13	Sizing Basis: inch ruler				
	Additional Sign Present: none		Note:			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location:		Status:		☐ very old ☐ residual	From individual(s)
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location:		Status:		☐ very old ☐ residual	From individual(s)
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location:		Status:		☐ very old ☐ residual	From individual(s)
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location:		Status:		☐ very old ☐ residual	From individual(s)
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 4-19-13

NOTES

1. Considering the recent strong winds from both the south and west winds together with the fact that the feather is small and comprised mostly of down, it is likely that this feather was wind-blown to this location possibly from an off-property Canada Goose nest which typically is lined with down. Therefore, the feather observed is not truly a "sign" of physical presence of a Canada Goose at the top of the southwest bank of the Secondary Lagoon. Moreover, the feather does not suggest utilization of the top of the southwest bank of the Secondary Lagoon by Canada Goose. It should be noted that no Canada Goose scat was found at during the April wildlife survey of the SRWWTP.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#1: East Sludge Pond, looking northeast from approximately 30 feet north of the skimmer tank between the East and West Sludge Ponds. Note netting, spacer drums, and east perimeter fence in-place. Office at far left background.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#2: West Sludge Pond, looking northwest from approximately 30 feet north of the skimmer tank between the East and West Sludge Ponds. Note netting, spacer drums, west perimeter fence, and air-dancer in-place.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#3: South end of Secondary Lagoon, looking east from approximately 28 feet south of stairs to outfall. Note OMI 4, belt skimmer, south diagonal boom, and clarifiers in background center with red SRWWTP Office in between.

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#4: East bank of Secondary Lagoon and east perimeter road, looking north-northeast from approximately 20 feet northwest of office. Note Mylar ribbons & north diagonal boom in place. Station No. 2 at far end of guardrail.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#5: Surface of west road to Diked Lagoon, looking down and south from opposite west central end of south outer slope of Diked Lagoon. Note probable Killdeer dropping and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#6: Northwest corner of Diked Lagoon, looking northwest from electrical panel at top of south central bank of Diked Lagoon. Note propane cannon in-place. Bermed area in background: dogleg (left) & proper(right).

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#7: Southeast corner of Diked Lagoon & Station No. 4 , looking east from electrical panel at top of south central bank of Diked Lagoon. Note Mylar ribbons in-place & Scare-Eye balloon. Pines are at east perimeter fence.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#8: North end of Primary Lagoon. looking west from immediately west of and inside northeast Primary Lagoon gate underneath netting. Note new netting in-place, OMI 2, and outfall weir.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#9: Ground at lower mid-slope of northeast bank of Primary Lagoon, looking down and northwest from approximately 8 feet east of the north end of railing. Note possible Eastern Cottontail burrow & inch ruler for sizing.

1 2 3 4 5 6

1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#10: North half of Primary Lagoon, looking north from the middle of the TVT bridge. Note propane cannon, Primary Lagoon fence, and air-dancers in -place. TVT at far left. OMI 2 and hoist in background.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

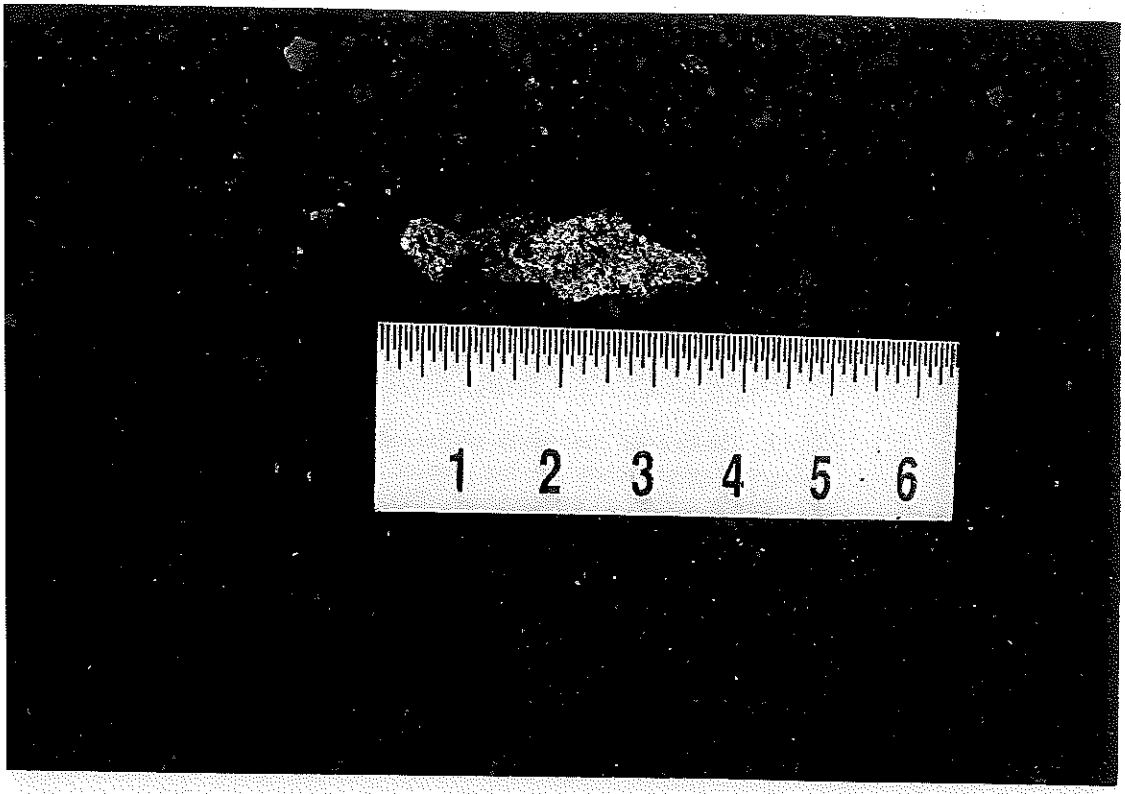
Photographed by Michael Carlson
April 19, 2013 - afternoon

#11: Top of steel headwall approximately 6 feet northeast of skimmer at west junction of north and south diagonal booms, looking down & north from same. Note dropping of possible American Robin and inch ruler for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#12: Ground at top of southwest bank of Secondary Lagoon, looking down and north from approximately 13 feet south of power pole. Note down feather of probable Canada Goose and inch ruler for sizing.


1 2 3 4 5 6

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
April 19, 2013 - afternoon

#13: Surface of road north of Secondary Lagoon approximately 27 feet east of the northwest corner of the Secondary Lagoon, looking down and northwest. Note fresh Killdeer dropping and inch ruler for sizing.

APPENDIX B

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD April 1 to April 30, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG*

Inspections	Bird Observations	Overflights	Interest Shown	Location	Number of Horn Blasts	Result
120	95	10	19	Gravel road, east ludge pond, secondary and primary lagoons, dike lagoon, and berm area.	302	Flew away. A few birds flew away or to another pond after horn blasts, so repetitive action was required.

*During dawn and dusk inspections

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Bank Cover Oiled	Cannon Operating	Wildlife Observed	Exposed Wildlife Observed
None	30 days	30 days	A couple of mallards	None

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil Not Captured (by Skimmers)					
Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Oil Contained	Comments
No	No	No	No	Yes	Oil not captured by skimmers is removed on a daily basis.

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
4/1	7:45 AM	2 KILLDEER	N	N	S	1	FLEW AWAY	RC
4/1	9:00 AM	N	N	N	N	0	N	RC
4/1	1:00 PM	N	N	N	N	0	N	RC
4/1	7:15 PM	1 AMERICAN ROBIN	N	N	P	1	FLEW AWAY	RC
4/2	7:45 AM	1 MALLARD	N	Y	B	2	NOTHING	RC
4/2	9:00 AM	3 AMERICAN ROBINS / 2 CANADA GOOSE	N/N	N/N	P / P	1/1	FLEW AWAY / FLEW AWAY	RC
4/2	1:00 PM	N	N	N	N	0	N	RC
4/2	7:15 PM	3 KILLDEER	N	N	D	0	FLEW AWAY	RC
4/3	7:45 AM	RED WINGED BLACKBIRD	N	N	S	1	FLEW AWAY	RC
4/3	9:00 AM	5 AMERICAN ROBINS / 3 KILLDEER	N/N	N/N	P / P	1/1	FLEW AWAY / FLEW AWAY	RC
4/3	1:00 PM	2 KILLDEER / 2 MALLARDS	N/N	N/N	S / B	0/1	FLEW AWAY / NOTHING	RC
4/3	7:15 PM	N	N	N	N	0	N	RC
4/4	7:45 AM	2 CANADA GOOSES	Y	N	P	0	N	RC
4/4	9:00 AM	1 RED WINGED BLACKBIRD	N	N	P	2	NOTHING	RC
4/4	1:00 PM	2 CANADA GOOSES / GREAT BLUE HERON	N/N	Y/Y	B / B	2/2	NOTHING / FLEW AWAY	RC
4/4	7:15 PM	GREAT BLUE HERON	Y	N	P	0	FLEW AWAY	RC
4/5	7:45 AM	4 REDWINGED BLACKBIRDS / 2 COMMON GRACKLE	N/N	N/N	S / S	1/1	FLEW AWAY / FLEW AWAY	RC
4/5	9:00 AM	N	N	N	N	0	N	RC

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
4/5	1:00 PM	2 KILLDEER	N	N	P	1	FLEW AWAY	[illegible]
4/5	7:15 PM	2 KILLDEER	N	N	P	2	FLEW AWAY	[illegible]
4/6	7:45 AM	2 KILLDEER	N	N	P	2	FLEW AWAY	[illegible]
4/6	9:00 AM	2 KILLDEER	N	N	S	2	FLEW AWAY	[illegible]
4/6	1:00 PM	N	N	N	N	0	N	[illegible]
4/6	7:15 PM	N	N	N	N	0	N	[illegible]
4/7	7:45 AM	KILLDEER / ROBIN	N	N	S	2	FLEW AWAY	[illegible]
4/7	9:00 AM	N	N	N	N	~~N~~ 0	N	[illegible]
4/7	1:00 PM	N	N	N	N	0	N	[illegible]
4/7	7:15 PM	N	N	N	N	0	N	[illegible]
4/8	7:45 AM	KILLDEER	N	N	S	2	FLEW AWAY	[illegible]
4/8	9:00 AM	KILLDEER	N	N	B	2	FLEW AWAY	[illegible]
4/8	1:00 PM	N	N	N	N	0	N	[illegible]
4/8	7:15 PM	KILLDEER, ROBINS, RED WING BLACK BIRD	N	N	B	5	FLEW AWAY	[illegible]
4/9	7:45 AM	ROBINS, RED WING BLACK BIRD	N	N	B	5	FLEW AWAY	[illegible]
4/9	9:00 AM	ROBIN, RED WING BLACK BIRD	N	N	B	5	FLEW AWAY	[illegible]
4/9	1:00 PM	2 MALLARDS	N	Y	ESL	0	LIFTED NET FLEW AWAY	[illegible]
4/9	7:15 AM	ROBINS, RED WING BLACK BIRD	N	N	B	5	FLEW AWAY	[illegible]

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
4/10	7:45 AM	3 COMMON GRACKLE	N	N	S	1	FLEW AWAY	RC
4/10	9:00 AM	GREAT BLUE HERON / AMERICAN ROBIN	N/N	Y/N	B / P	0/1	FLEW AWAY / FLEW AWAY	RC
4/10	1:00 PM	GREAT BLUE HERON / 2 KILLDEER	N/N	Y/N	B / S	1/2	FLEW AWAY / FLEW AWAY	RC
4/10	7:15 PM	N	N	N	N	0	N	RC
4/11	7:45 AM	2 REDWINGED BLACKBIRDS / 2 KILLDEER	N/N	Y/N	P / S	1/2	FLEW AWAY / FLEW AWAY	RC
4/11	9:00 AM	1 KILLDEER / 1 AMERICAN ROBIN	N/N	N/N	P / P	1/1	FLEW AWAY / FLEW AWAY	RC
4/11	1:00 PM	2 KILLDEER	N	N	P	1	FLEW AWAY	RC
4/11	7:15 PM	1 KILLDEER	N	N	P	1	FLEW AWAY	RC
4/12	7:45 AM	2 REDWINGED BLACKBIRDS / 1 MALLARD	N/N	N/Y	P / B	1/1	FLEW AWAY / NOTHING	RC
4/12	9:00 AM	3 COMMON GRACKLE / 1 CANADA GOOSE	N/N	N/Y	P / B	1/0	FLEW AWAY / FLEW AWAY	RC
4/12	1:00 PM	1 KILLDEER	N	N	P	1	FLEW AWAY	RC
4/12	7:15 PM	N	N	N	N	0	N	RC
4/13	7:45 AM	1 KILLDEER / 1 REDWINGED BLACKBIRD	N/N	N/N	P / P	1/3	FLEW AWAY / FLEW AWAY	RC
4/13	9:00 AM	2 AMERICAN ROBIN / 1 REDWINGED BLACKBIRD	N/N	N/N	S / P	1/4	FLEW AWAY / FLEW AWAY	RC
4/13	1:00 PM	N	N	N	N	0	N	RC
4/13	7:15 PM	N	N	N	N	0	N	RC
4/14	7:45 AM	1 MALLARD	Y	N	S	0	FLEW AWAY	st
4/14	9:00 AM	2 MALLARD	Y	N	P	0	FLEW AWAY	st

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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activity log

2013

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
4/14	1:00 PM	3 CANADIAN GEESE	Y	N	D	3	FLEW AWAY	DT
4/14	7:15 PM	N	N	N	N	0	N	DT
4/15	7:45 AM	2 MALLARD Ducks	N	N	B	1	FLEW AWAY	DT
4/15	9:00 AM	2 CANADIAN GEESE	N	N	B	9	FLEW AWAY	DT
4/15	1:00 PM	N	N	N	N	0	N	DT
4/15	7:15 PM	Killdeer - BLACK BIRD ROBINS	Y	N	ALL	5	FLEW AWAY	DT
4/16	7:45 AM	ROBINS, Blackbird	Y	N	All	3	FLEW AWAY	DT
4/16	9:00 AM	2 MALE MALLARD	N	N	B	4	WOULDN'T MOVE	DT
4/16	1:00 PM	N	N	N	N	0	N	DT
4/16	7:15 PM	1 CANADIAN GOOSE	N	N	B	7	WOULDN'T MOVE	DT
4/17	7:45 AM	2 MALE MALLARDS	N	N	B	3	WOULDN't MOVE.	DT
4/17	9:00 AM	Kill DEER BLACK BIRD	Y	N	ALL	2	FLEW AWAY	DT
4/17	1:00 PM	ROBINS BLACKBIRD	Y	N	All	4	FLEW AWAY	DT
4/17	7:15 PM	Kill DEER	N	N	S	2	FLEW AWAY	DT
4/18	7:45 AM	2 MALLARD DUCKS / 1 KILLDEER	N/N	Y/N	B / P	2/1	SWIM to the other SIDE / FLEW AWAY	RC
4/18	9:00 AM	2 CANADA GOOSES / 3 AMERICAN ROBBINS	N/N	N/N	P / S	5/2	FLEW AWAY / FLEW AWAY	RC
4/18	1:00 PM	1 CANADA GOOSE	N	Y	B	4	NOTHING	RC
4/18	7:15 PM	N	N	N	N	0	N	RC

Location Code: B = near Bermed area, D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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activity log

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
4/19	7:45 AM	1 AMERICAN Robin	N	N	D	0	FLEW AWAY	RC
4/19	9:00 AM	1 American Robin	N	Y	SL	1	FLEW AWAY	RC
4/19	1:00 PM	3 AMERICAN Robin	N	N	P	2	FLEW AWAY	RC
4/19	7:15 PM	N	N	N	N	0	N	RC
4/20	7:45 AM	4 REDWINGED BLACKbirds / 1 MOURNING DOVE	N/N	Y/N	P/P	3/2	FLEW AWAY / NOTHING	RC
4/20	9:00 AM	1 GREAT BLUE HERON / 1 CANADA GOOSE	N/N	Y/Y	B/B	0/2	FLEW AWAY / NOTHING	RC
4/20	1:00 PM	5 REDWINGED BLACKBIRDS / 1 MALLARD DUCK	N/N	N/Y	P/D	4/3	FLEW AWAY / NOTHING	RC
4/20	7:15 PM	4 REDWINGED BLACKbirds	N	N	P	5	FLEW AWAY	RC
4/21	7:45 AM	2 AMERICAN ROBINS	N	N	S	2	FLEW AWAY	
4/21	9:00 AM	N	N	N	N	0	N	RC
4/21	1:00 PM	3 KILLDEER	N	N	S	4	FLEW AWAY	RC
4/21	7:15 PM	2 KILLDEER	N	N	P	2	FLEW AWAY	RC
4/22	7:45 AM	N	N	N	N	0	N	RC
4/22	9:00 AM	N	N	N	N	0	N	RC
4/22	1:00 PM	2 MOURNING DOVES / 2 KILLDEER	N/N	N/N	S/P	2/2	FLEW AWAY / FLEW AWAY	RC
4/22	7:15 PM	2 KILLDEER	N	N	S	3	FLEW AWAY	RC
4/23	7:45 AM	KILLDEER - ROBIN RED WING BLACKBIRD	N	N	B	2	FLEW AWAY	SH
4/23	9:00 AM	2 CANADIAN GEESE	N	N	B	2	FLEW AWAY	SH

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

2013

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
4/23	1:00 Pm	Killdeer Robin Black Bird	N	N	B	2	Flew Away	DT
4/23	7:15 Pm	Black Bird	N	N	B	0	Flew Away	DT
4/24	7:45 AM	Killdeer	N	N	B	2	Flew Away	DT
4/24	9:00 AM	2 Canada Geese	N	N	B	6	Flew Away	DT
4/24	1:00 PM	Killdeer/Robin	N	N	B	2	Flew Away	DT
4/24	7:15 Pm	Killdeer	N	N	B	2	Flew Away	DT
4/25	7:45 AM	1-Canadian Goose Morning Dove-Heron	N	N	B-Goose Second-Heron	6/1	Nothing Flew Away	DT
4/25	9:00 AM	2 Canadian Geese	Y	Y	P	20	Flew Away	DT
4/25	1:00 Pm	Black Birds Killdeer/Robins	N	N	B	2	Flew Away	DT
4/25	7:15 Pm	Killdeer/Robins	Y	N	B	2	Flew Away	DT
4/26	7:45 AM	3 American Robins	N	N	P	3	Flew Away	RC
4/26	9:00 AM	2 Canada Gooses / 1 Common Grackle	N/N	Y/N	D/S	6/1	Nothing / Flew Away	RC
4/26	1:00 PM	2 Killdeer / 2 Mourning Doves	N/N	N/N	S/P	3/3	Flew Away / Flew Away	RC
4/26	7:15 PM	1 Great Blue Heron / 3 Killdeer	N/N	N/N	S/S	0/2	Flew Away / Flew Away	RC
4/27	7:45 AM	5 Common Grackles / 1 Canada Goose	N/N	N/Y	P/D	2/0	Flew Away / Flew Away	RC
4/27	9:00 AM	1 Canada Goose / 1 Killdeer	N/N	Y/N	P/P	4/1	Nothing / Flew Away	RC
4/27	1:00 PM	1 Redwinged Blackbird / 1 Great Blue Heron	N/N	N/N	S/D	3/0	Flew Away / Flew Away	RC
4/27	7:15 PM	1 American Robin / 2 Killdeer	N/N	N/N	S/P	1/1	Flew Away / Flew Away	RC

Location Code: **B** = near Bermed area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

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activity log

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
4/28	7:45 AM	3 COMMON GRACKLE / 2 KILLDEER	N/N	N/N	P/S	3/3	FLEW AWAY / FLEW AWAY	RE
4/28	9:00 AM	5 COMMON GRACKLE / 2 AMERICAN ROBINS	N/N	N/N	P/SL	7/1	FLEW AWAY / FLEW AWAY	RE
4/28	1:00 PM	2 COMMON GRACKLE / 2 REDWINGED BLACKBIRD	N/N	N/N	P/P	1/1	FLEW AWAY / FLEW AWAY	RE
4/28	7:15 PM	1 KILLDEER	N	N	P	4	FLEW AWAY	RE
4/29	7:45 AM	5 REDWINGED BLACKBIRDS / 1 GREAT BLUE HERON	N/N	N/Y	P/S	5/0	FLEW AWAY / FLEW AWAY	RE
4/29	9:00 AM	4 CANADA GOOSES / 2 CANADA GOOSES	N/N	Y/Y	P/D	12/8	NOTHING / NOTHING	RE
4/29	1:00 PM	N	N	N	N	0	N	RE
4/29	7:15 PM	3 KILLDEER	N	N	S	4	FLEW AWAY	RE
4/30	7:45 AM	BLUE HERON KILLDEER	N	N	S	2	FLEW AWAY	DT
4/30	9:00 AM	BLUE HERON	N	N	P	2	FLEW AWAY	DT
4/30	1:00 PM	2 CANADIAN GEESE	N	Y	D	2	FLEW AWAY	DT
4/30	7:15 PM	N	N	N	N	0	N	DT

Location Code: **B** = near Bermed area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

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DATE: 2/24/2001

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activity log

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
4/1	7:45 AM	N	N	Y	Y	N	N	N	RC
	7:15 PM	N	N	Y	Y	N	N	N	RC
4/1	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
4/2	7:45 AM	N	N	Y	Y	N	N	N	RC
	7:15 PM	N	N	Y	Y	N	N	N	RC
4/2	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
4/3	7:45 AM	N	N	Y	Y	N	N	N	RC
	7:15 PM	N	N	Y	Y	N	N	N	RC
4/3	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
4/4	7:45 AM	N	N	Y	Y	N	N	N	RC
	7:15 PM	N	N	Y	Y	N	N	N	RC

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[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
4/4	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/5	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/5	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/6	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/6	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/7	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/7	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

2013

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
4/8	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/8	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/9	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/9	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	2 MALLARD ~~N~~ DUCKS	NO OIL IN POND - NOT IN USE LIFTED NET / FLEW AWAY	SLO ESP.	[illegible]
4/10	7:45 AM	N	N	Y	Y	N	N	N	RC
	7:15 PM	N	N	Y	Y	N	N	N	RC
4/10	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
4/11	7:45 AM	N	N	Y	Y	N	N	N	RC
	7:15 PM	N	N	Y	Y	N	N	N	RC

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
4/11	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
4/12	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
4/12	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
4/13	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
4/13	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
4/14	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	1:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/14	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

2013

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
4/15	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/15	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/16	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/16	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/17	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/17	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/18	7:45 AM	N	N	Y	Y	N	N	N	PC
	7:15 PM	N	N	Y	Y	N	N	N	PC

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
4/18	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
4/19	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
4/19	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
4/20	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
4/20	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
4/21	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
4/21	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
4/22	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/22	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/23	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/23	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/24	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/24	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/25	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
4/25	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/26	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
4/26	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
4/27	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
4/27	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
4/28	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
4/28	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
4/29	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/29	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
4/30	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
4/30	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
X	AM								
	PM								
X	AM								
	PM								
X	AM								
	PM								

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
4/1	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/1	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
4/2	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/2	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
4/3	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/3	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
4/4	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
4/4	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
4/5	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/5	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
4/6	7:45 AM	N	N	N	N	Y	NA	JT
	7:15 PM	N	N	N	N	Y	NA	JT
4/6	9:00 AM	N	N	N	N	Y	NA	JT
	1:00 PM	N	N	N	N	Y	NA	JT
4/7	7:45 AM	N	N	N	N	Y	NA	JT
	7:15 PM	N	N	N	N	Y	NA	JT
4/7	9:00 AM	N	N	N	N	Y	NA	JT
	1:00 PM	N	N	N	N	Y	NA	JT

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

2013

Inspection		Any recoverable oil not captured by skimmers?[1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
4/8	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
4/8	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
4/9	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
4/9	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
4/10	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
4/10	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
4/11	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
4/11	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
4/12	7:45 AM	N	N	N	N	Y	NA	RE
	7:15 PM	N	N	N	N	Y	NA	RE
4/12	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
4/13	7:45 AM	N	N	N	N	Y	NA	RE
	7:15 PM	N	N	N	N	Y	NA	RE
4/13	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
4/14	7:45 AM	N	N	N	N	Y	NA	DT
	7:15 PM	N	N	N	N	Y	NA	DT
4/14	9:00 AM	N	N	N	N	Y	NA	DT
	1:00 PM	N	N	N	N	Y	NA	DT

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

2013

Inspection		Any recoverable oil not captured by skimmers?[1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
4/15	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
4/15	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
4/16	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
4/16	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
4/17	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
4/17	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
4/18	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
4/18	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
4/19	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/19	9:00 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/20	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/20	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
4/21	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/21	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers?[1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
4/22	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
4/22	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
4/23	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
4/23	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
4/24	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
4/24	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
4/25	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers?[1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2003	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
4/25	9:00 AM	N	N	N	N	Y	NA	JT
	1:00 PM	N	N	N	N	Y	NA	JT
4/26	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/26	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
4/27	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/27	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
4/28	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/28	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
4/29	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
4/29	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
4/30	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
4/30	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
X	AM							
	PM							
X	AM							
	PM							
X	AM							
	PM							

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

APPENDIX C

Oil Hauling Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: [illegible]
2. Page 1 of 1
3. Emergency Response Phone: [illegible]
4. Manifest Tracking Number: 001382743 GBF

5. Generator's Name and Mailing Address
[illegible]
[illegible]
[illegible]
Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THE 3 HORSE ENVIRONMENTAL SVS LLC
U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
[illegible], LLC
[illegible]
[illegible]
Facility's Phone: [illegible]
U.S. EPA ID Number: [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WWT Used Oil (Non Water Treatment)	001	TT	3000	G	[illegible]
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
[illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [illegible] Month 4 Day 9 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] Signature: [illegible] Month 4 Day 9 Year 13
Transporter 2 Printed/Typed Name: Signature: Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. [illegible] 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] Signature: [illegible] Month 4 Day 9 Year 13

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: M I D 0 0 7 7 5 3 8 2 1
2. Page 1 of 1
3. Emergency Response Phone: (734) 582-0900
4. Manifest Tracking Number: 001768035 GBF

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
3001 MILLER ROAD
DEARBORN, MI 48121 313 594-7375
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THE HOPSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: M I R 0 0 0 0 9 6 4 0 3

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
5011 WYOMING AVE
DEARBORN, MI 48126 (313)582-8078
Facility's Phone:
U.S. EPA ID Number: M I D 0 0 6 4 1 9 1 4 7 1

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL & WATER		T T	3000	G	0211
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. SRIWTP
Approval # 7351
13 APR 9 PM 1:10

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Trinh
Signature: [signature]
Month 4 Day 9 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [signature]
Signature: Perry F. Tackett
Month 4 Day 9 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
~~H135~~ H050			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
4/9/13
Printed/Typed Name: DONNA [illegible] SG SUSAN GARCIA
Signature: [signature] SG
Month 4 Day 6 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: M I D 0 9 7 7 2 3 0 2 1
2. Page 1 of: 1
3. Emergency Response Phone: (734) 686-0000
4. Manifest Tracking Number: 001767550 GBF

5. Generator's Name and Mailing Address
SEVERSTAL NORTH AMERICA
8001 MILLER ROAD
DEARBORN, MI 48121 313 596-7775
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THES HOPSIE ENVIRONMENTAL SERVICES
U.S. EPA ID Number: M I R 0 0 0 0 9 6 4 8 3

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
6011 WYOMING AVE
DEARBORN, MI 48126 (313) 582-8022
Facility's Phone:
U.S. EPA ID Number: M I D 0 6 4 3 8 1 8 7 1

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WASTE WATER TREATMENT PLANT OIL & WATER	1	TT	3100	G	0211
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. SKWWTP
Approval # 7351
'13 APR 22 PM 3:48

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Trinh
Signature: Lan Trinh
Month 4 Day 22 Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Tackett
Signature: Perry F. Tackett
Month 4 Day 22 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H050
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: SUSAN GARCIA
Signature: Susan Garcia
Month 4 Day 22 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
MI0009752931	1	(734) 955-0050	001767548 GBF

5. Generator's Name and Mailing Address
REVERSTAL NORTH AMERICA
8001 MILLER ROAD
DEARBORN, MI 48121 313 594-7275
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name
THREE RIVERS ENVIRONMENTAL SERVICES
U.S. EPA ID Number MID000708491

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIROSOLIDS LLC
6911 WYOMING AVE
DEARBORN, MI 48126 (313)943-2020
U.S. EPA ID Number MID054313171
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. WASTE WATER TREATMENT PLANT OIL & WATER	1		3100	G	D2 U1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. SRNUTP
Approval # 7891
'13 APR 24 PM 3:48

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dan Tomb | Signature | Month 4 | Day 24 | Year 13

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Tackett | Signature | Month 4 | Day 24 | Year 13
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H050 | 2. | 3. | 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Michael Drapes | Signature | Month 04 | Day 24 | Year 13

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY'S COPY

MID 087 738 431

Severstal
International

April 15, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: March 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The March monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. This report contains the March wildlife survey report by MEC Environmental Consulting, and the operators' inspection logs. No wildlife was potentially exposed in the month of March.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9375
E: Jim.Earl@severstalna.com
www.severstalna.com

CONTINUING EMERGENCY MEASURES

MONTHLY PROGRESS REPORT
FOR
March 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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Wildlife Survey	Appendix A
Inspection Summary and Report Sheets	Appendix B

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period March 1 through March 31, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place across the East and West Sludge Ponds. The new netting is to be installed to replace the old netting at the North end of the Primary Lagoon on April 15, 2013. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the west property boundary fence, the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

A Wildlife Survey was conducted on March 27, 2013 and a copy of the report is provided in Appendix A. Inspection reports show seasonal activities observed in the general area, and no significant issues at the site were identified. Except, a desiccated, dirty, and flattened carcass of a probable Green Frog was found near the center of the main north-south road opposite the southeast corner of the Primary Lagoon fence. The frog, which showed no sign of oil, was most likely run over by the vehicle last fall.

On several occasions of red winged black birds, blue herons, killdeers, Canada geese, robins, pied billed grebe, orchid orioles, mallards, northern harrier, and upland sandpiper were observed at near or using one of the treatment plant impoundments and were scared off with the air horns. The birds flew or ran away after horn blasts, so persistent hazing with the air horn was necessary.

The summary of daily inspection findings is provided in Appendix B. Copies of the inspection reports are also provided in Appendix B. On the morning of March 13, 2013, a pied billed grebe was observed underneath the netting at the north end of the Primary Lagoon. The operator was able to capture the bird with a bird net. The bird appeared to be clean of any oil or stain. After the observation, the bird was released at a nearby area and flew away on its own. No other repetitive use of the treatment ponds and lagoons was observed in the March inspections. Daily Inspections show normal activities observed throughout the area.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in March. Except for the pied billed grebe, no other repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed regularly by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by the installed skimmer and by vacuum truck if not in reach of the skimmer. Use of these specific locations by wildlife has not been observed by the operators or during the expert surveys.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place and propane cannons operated properly in March 2013. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence?* In March, there were observations of winged black birds, blue herons, killdeers, Canada geese, robins, pied billed grebe, orchid orioles, mallards, northern harrier, and upland sandpiper overflight or around the Bermed area. As reported, the birds flew away on its own or after horn blasts, so persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix A.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

No oil-water mixture was hauled off-site in the month of March 2013.

APPENDIX A

Wildlife Survey

MEC ENVIRONMENTAL CONSULTING

VIA FEDERAL EXPRESS

April 12, 2013

Mr. James E. Earl
Severstal Dearborn, LLC.
14661 Rotunda Drive
Post Office Box 1699
Dearborn, MI 48120-1699

Subject: **Schaefer Road Wastewater Treatment Plant: 2013 Wildlife Survey #1 (P. N. 00330)**

Dear Jim:

I am very pleased to present the enclosed letter report for the subject project in partial fulfillment of your Purchase Order No. 621862. This survey constitutes the monthly bird survey in accordance with your Continuing Emergency Measures (CEM) Workplan in response to EPA Administrative Order Docket No. R7003-5-00-001.

The March survey was completed on Wednesday, March 27, 2012. A total of 45 sets of five-minute observations was made from 06:18 to 21:38 at five different stations located at significant vantage points at the Schaefer Road Wastewater Treatment Plant (SRWWTP). Observations were made at this frequency in order to ensure a complete and scientifically sound inventory, to ensure quality assurance of the data collected, and to evaluate allegations of wildlife utilization of the impoundments. Observations were both visual and aural. Visual observations were made using Zeiss FL T* 10 x 42 power binoculars. The location of the five stations designated by MEC Environmental Consulting, which have been used in previous surveys and will continue to be used in subsequent surveys, is presented in the first enclosed table.

Weather conditions were relatively constant over the period, and were chiefly influenced by a large, relatively strong, high pressure system centered over Minnesota, an occluded front extending from Minnesota east to Quebec over the northern upper peninsula of Michigan, and a second high pressure system centered over western Ontario. Barometric pressure, based on radio-broadcast readings from Detroit Metro Airport, was 30.12 in.-Hg and rising at 05:00, 30.14 in.-Hg and rising at 08:00, 30.16 in.-Hg and steady at 13:00, 30.13 in.-Hg and steady at 18:00, and 30.16 in.-Hg and rising at 21:00. Relative humidity, also based on radio broadcast National Weather Service data, was 75% at 05:00 and 08:00, 69% at 10:00, 40% at 13:00 and 18:00, and 53% at 21:00. Sky conditions varied considerably from clear to mostly clear until around noon and then cloudy to mostly cloudy, with brief partly cloudy intervals, for the remainder of the period. Temperatures ranged from 31° F at 06:18, to 32° F around 07:08, to 33° F around 08:39 and 09:00, to 46° F around 12:15 and 13:28, to 47° F around 18:00, and then to 46° F around 18:00, and to 42° F around 21:33. Winds were generally out of the northwest and occasionally out of the west-northwest in the afternoon. Wind speed varied slightly from approximately 8-12 mph until around 09:00, then 12-15 mph until around 10:00, then 15-25 mph for the remainder of the period, except for occasional gusts of 25-30 mph, mainly in the early evening. There was no precipitation. A full moon was visible in the northwest sky at 06:32, and was observed close to the

1003 AMELIA AVENUE ROYAL OAK, MICHIGAN 48073-2704
VOICE: (248) 585-3800 mecec@comcast.net FAX: (248) 585-8404

horizon at 06:59. Sunrise was at 07:24; sunset was at 19:54.

A total of 15 bird species was observed within the fenceline of the SRWWTP. This species total is 5 species less than the 2000-2012 March mean of 20. Cooler than average temperatures in March and a lack of south winds have slowed the avian spring migration thus far this year. Nevertheless, habitat modifications and deterrents put into place at the SRWWTP are a factor in the observed lack of species diversity. Only two individuals were observed at the water's edge of a pond or lagoon. No birds or only one bird were observed during 20 of the 45 point counts conducted. This information indicates that these measures taken at the SRWWTP are effective.

No non-human mammalian species was observed during the survey.

No reptilian species was observed during the survey.

One amphibian species was observed during the survey: Western Chorus Frog (*Pseudacris triseriata*). At 15:12 several Western Chorus Frogs were observed to vocalize from the dogleg of the bermed area. None of these individuals were actually seen.

The entire shoreline of each impoundment was systematically checked at least once during the day. Only the shorelines of the Primary Lagoon (except the northeast bank and the northeast end under the net), Diked Lagoon, sludge ponds (except for the inaccessible west side of the West Sludge Pond) and the south side of the Secondary Lagoon, however, were walked due to the fact that these were moderately sloped compared to the steep slopes of the rest of the impoundments. The shorelines of the steeply-sloped impoundments not walked were searched from top of grade from several angles using binoculars. Animal sign observed during this search is summarized in the third enclosed table. Photographs, including those of animal sign, are enclosed.

A desiccated, dirty, and flattened carcass of a probable Green Frog was found near the center of the main north-south road opposite the southeast corner of the Primary Lagoon fence. The frog, which showed no signs of oil, was obviously run over by a vehicle likely last fall. No other carcasses or remains were found.

If you have any questions regarding this report please call me at (248) 585-3800. Thank you for choosing MEC Environmental Consulting for your wildlife management needs.

Sincerely yours,

MEC ENVIRONMENTAL CONSULTING

Michael E. Carlson
Principal

enclosures

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY STATIONS

No.	Location	Vantage Point for . . .
1	Between East and West Sludge Ponds, on the south side, between the two guard rails	East Sludge Pond West Sludge Pond South Clarifier (part)
2	East side of Secondary Lagoon at north end of guard rail opposite the North Clarifier	Secondary Lagoon North Clarifier (most)
3	South central end of Primary Lagoon just east of weather station	Primary Lagoon
4	Southeast corner of Diked Lagoon	Diked Lagoon Secondary Lagoon (except S end) Primary Lagoon
5	South Central Side of Bermed Area*	Bermed area*, except west end (including dogleg) Diked Lagoon

* not a wastewater treatment pond or lagoon

SCHAEFER ROAD WASTEWATER TREATMENT PLANT
BIRD SURVEY RESULTS
Wednesday, March 27, 2013

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Common Loon	*Gavia immer*								
Pied-billed Grebe	*Podilymbus podiceps*								
Horned Grebe	*Podiceps auritus*								
Double-crested Cormorant	*Phalacrocorax auritus*								
American Bittern	*Botaurus lentiginosus*								
Great Blue Heron *	*Ardea herodias*								
Great Egret *	*Ardea alba*								
Snowy Egret	*Egretta thula*								
Green Heron *	*Butorides virescens*								
Black-crowned Night-Heron *	*Nycticorax nycticorax*								
Yellow-crowned Night-Heron	*Nyctanassa violacea*								
Glossy Ibis	*Plegadis falcinellus*								
Turkey Vulture	*Cathartes aura*								
Snow Goose	*Chen caerulescens*								
Cackling Goose	*Branta hutchinsii*								
Canada Goose *	*Branta canadensis*	12	X		X	X	X	X	1
Mute Swan *	*Cygnus olor*								
Tundra Swan	*Cygnus columbianus*								
Wood Duck *	*Aix sponsa*								
Gadwall	*Anas strepera*								
American Wigeon	*Anas americana*								
American Black Duck *	*Anas rubripes*								
Mallard *	*Anas platyrhynchos*	4			X	X	X	X	2, 3, 4, 5
Blue-winged Teal *	*Anas discors*								
Northern Shoveler	*Anas clypeata*								
Northern Pintail	*Anas acuta*								
Green-winged Teal	*Anas crecca*								
Canvasback	*Aythya valisineria*								
Redhead	*Aythya americana*								
Ring-necked Duck	*Aythya collaris*								
Greater Scaup	*Aythya marila*								
Lesser Scaup	*Aythya affinis*								
Long-tailed Duck	*Clangula hyemalis*								
Bufflehead	*Bucephala albeola*								
Common Goldeneye	*Bucephala clangula*								
Hooded Merganser	*Lophodytes cucullatus*								
Red-breasted Merganser	*Mergus serrator*								
Common Merganser	*Mergus merganser*								
Ruddy Duck	*Oxyura jamaicensis*								
Osprey	*Pandion haliaetus*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Bald Eagle	*Haliaeetus leucocephalus*								
Northern Harrier	*Circus cyaneus*								
Sharp-shinned Hawk	*Accipiter striatus*								
Cooper's Hawk *	*Accipiter cooperii*								
Broad-winged Hawk	*Buteo platypterus*								
Red-tailed Hawk *	*Buteo jamaicensis*								
Rough-legged Hawk	*Buteo lagopus*								
American Kestrel *	*Falco sparverius*								
Merlin	*Falco columbarius*								
Peregrine Falcon	*Falco peregrinus*								
Ring-necked Pheasant *	*Phasianus colchicus*								
Northern Bobwhite *	*Colinus virginianus*								
Virginia Rail	*Rallus limicola*								
Sora	*Porzana carolina*								
Common Gallinule	*Gallinula galeata*								
American Coot	*Fulica americana*								
Black-bellied Plover	*Pluvialis squatarola*								
American Golden-Plover	*Pluvialis dominica*								
Semipalmated Plover	*Charadrius semipalmatus*								
Killdeer *	*Charadrius vociferus*	10			X	X	X	X	3, 4, 6, 7
Greater Yellowlegs	*Tringa melanoleuca*								
Lesser Yellowlegs	*Tringa flavipes*								
Solitary Sandpiper	*Tringa solitaria*								
Spotted Sandpiper *	*Actitis macularius*								
Whimbrel	*Numenius phaeopus*								
Ruddy Turnstone	*Arenaria interpres*								
Red Knot	*Calidris canutus*								
Sanderling	*Calidris alba*								
Semipalmated Sandpiper	*Calidris pusilla*								
Western Sandpiper	*Calidris mauri*								
Least Sandpiper	*Calidris minutilla*								
White-rumped Sandpiper	*Calidris fuscicollis*								
Baird's Sandpiper	*Calidris bairdii*								
Pectoral Sandpiper	*Calidris melanotos*								
Dunlin	*Calidris alpina*								
Short-billed Dowitcher	*Limnodromus griseus*								
Wilson's Snipe	*Gallinago delicata*								
American Woodcock *	*Scolopax minor*	6				X	X	X	3, 4, 6, 8, 9
Wilson's Phalarope	*Phalaropus tricolor*								
Bonaparte's Gull	*Chroicocephalus philadelphia*								
Ring-billed Gull *	*Larus delawarensis*	1					X	X	2, 3, 4, 10
Herring Gull *	*Larus argentatus*	5			X	X	X	X	2, 3, 4, 11
Thayer's Gull	*Larus thayeri*								
Glaucous Gull	*Larus hyperboreus*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Great Black-backed Gull	*Larus marinus*								
Caspian Tern	*Hydroprogne caspia*								
Common Tern *	*Sterna hirundo*								
Forster's Tern *	*Sterna forsteri*								
Black Tern *	*Chlidonias niger*								
Rock Pigeon *	*Columba livia*								
Mourning Dove *	*Zenaida macroura*	2				X		X	3, 4, 12
Black-billed Cuckoo	*Coccyzus erythropthalmus*								
Eastern Screech Owl *	*Megascops asio*								
Great Horned Owl *	*Bubo virginianus*								
Snowy Owl	*Bubo scandiacus*								
Short-eared Owl	*Asio flammeus*								
Common Nighthawk	*Chordeiles minor*								
Chimney Swift *	*Chaetura pelagica*								
Ruby-throated Hummingbird *	*Archilochus colubris*								
Belted Kingfisher *	*Ceryle alcyon*								
Red-headed Woodpecker *	*Melanerpes erythrocephalus*								
Red-bellied Woodpecker *	*Melanerpes carolinus*								
Downy Woodpecker *	*Picoides pubescens*								
Hairy Woodpecker *	*Picoides villosus*								
Northern Flicker *	*Colaptes auratus*								
Eastern Wood-Pewee *	*Contopus virens*								
Yellow-bellied Flycatcher	*Empidonax flaviventris*								
Alder Flycatcher	*Empidonax alnorum*								
Willow Flycatcher *	*Empidonax traillii*								
Least Flycatcher *	*Empidonax minimus*								
Eastern Phoebe	*Sayornis phoebe*								
Great Crested Flycatcher *	*Myiarchus crinitus*								
Eastern Kingbird *	*Tyrannus tyrannus*								
White-eyed Vireo	*Vireo griseus*								
Blue-headed Vireo	*Vireo solitarius*								
Yellow-throated Vireo *	*Vireo flavifrons*								
Warbling Vireo *	*Vireo gilvus*								
Philadelphia Vireo	*Vireo philadelphicus*								
Red-eyed Vireo *	*Vireo olivaceus*								
Blue Jay *	*Cyanocitta cristata*								
American Crow *	*Corvus brachyrhynchos*								
Horned Lark	*Eremophila alpestris*								
Purple Martin *	*Progne subis*								
Tree Swallow *	*Tachycineta bicolor*								
Northern Rough-winged Swallow*	*Stelgidopteryx serripennis*								
Bank Swallow *	*Riparia riparia*								
Barn Swallow *	*Hirundo rustica*								
Cliff Swallow *	*Petrochelidon pyrrhonota*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Black-capped Chickadee *	*Poecile atricapillus*								
Tufted Titmouse *	*Baeolophus bicolor*								
Red-breasted Nuthatch	*Sitta canadensis*								
White-breasted Nuthatch *	*Sitta carolinensis*								
Brown Creeper	*Certhia americana*								
Carolina Wren *	*Thryothorus ludovicianus*								
House Wren *	*Troglodytes aedon*								
Winter Wren	*Troglodytes hiemalis*								
Sedge Wren	*Cistothorus platensis*								
Marsh Wren	*Cistothorus palustris*								
Blue-gray Gnatcatcher	*Polioptila caerulea*								
Golden-crowned Kinglet	*Regulus satrapa*								
Ruby-crowned Kinglet	*Regulus calendula*								
Eastern Bluebird	*Sialia sialis*								
Veery	*Catharus fuscescens*								
Gray-cheeked Thrush	*Catharus minimus*								
Swainson's Thrush	*Catharus ustulatus*								
Hermit Thrush	*Catharus guttatus*								
Wood Thrush *	*Hylocichla mustelinus*								
American Robin *	*Turdus migratorius*	20			X	X	X	X	3, 4, 6, 13
Gray Catbird *	*Dumetella carolinensis*								
Northern Mockingbird	*Mimus polyglottos*								
Brown Thrasher *	*Toxostoma rufum*								
European Starling *	*Sturnus vulgaris*	323						X	3, 4, 14, 15
American Pipit	*Anthus rubescens*								
Cedar Waxwing *	*Bombycilla cedrorum*								
Blue-winged Warbler	*Vermivora cyanoptera*								
Golden-winged Warbler	*Vermivora chrysoptera*								
Tennessee Warbler	*Oreothlypis peregrina*								
Orange-crowned Warbler	*Oreothlypis celata*								
Nashville Warbler *	*Oreothlypis ruficapilla*								
Northern Parula	*Setophaga americana*								
Yellow Warbler *	*Setophaga petechia*								
Chestnut-sided Warbler	*Setophaga pensylvanica*								
Magnolia Warbler	*Setophaga magnolia*								
Cape May Warbler	*Setophaga tigrina*								
Black-throated Blue Warbler	*Setophaga virens*								
Yellow-rumped Warbler	*Setophaga coronata*								
Black-throated Green Warbler	*Setophaga virens*								
Pine Warbler	*Setophaga pinus*								
Prairie Warbler	*Setophaga discolor*								
Palm Warbler	*Setophaga palmarum*								
Bay-breasted Warbler	*Setophaga castanea*								
Blackpoll Warbler	*Setophaga striata*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
Cerulean Warbler	*Setophaga cerulea*								
Black-and-white Warbler	*Mniotilta varia*								
American Redstart	*Setophaga ruticilla*								
Prothonotary Warbler	*Protonotaria citrea*								
Ovenbird *	*Seiurus aurocapilla*								
Northern Waterthrush	*Parkesia noveboracensis*								
Mourning Warbler *	*Geothlypis philadelphia*								
Common Yellowthroat *	*Geothlypis trichas*								
Wilson's Warbler	*Cardellina pusilla*								
Canada Warbler	*Cardellina canadensis*								
Yellow-breasted Chat	*Icteria virens*								
Scarlet Tanager *	*Piranga olivacea*								
Eastern Towhee *	*Pipilo erythrophthalmus*								
American Tree Sparrow	*Spizella arborea*	1				X			3, 4, 6, 8, 16
Chipping Sparrow *	*Spizella passerina*								
Field Sparrow *	*Spizella pusilla*								
Vesper Sparrow *	*Pooecetes gramineus*								
Savannah Sparrow *	*Passerculus sandwichensis*								
Grasshopper Sparrow	*Ammodramus savannarum*								
Henslow's Sparrow	*Ammodramus henslowii*								
Fox Sparrow	*Passerella iliaca*								
Song Sparrow *	*Melospiza melodia*	6				X	X	X	3, 4, 6, 8, 17
Lincoln's Sparrow	*Melospiza lincolnii*								
Swamp Sparrow *	*Melospiza georgiana*								
White-throated Sparrow	*Zonotrichia albicollis*								
White-crowned Sparrow	*Zonotrichia leucophrys*								
Dark-eyed Junco	*Junco hyemalis*	4					X	X	3, 4, 6, 18
Lapland Longspur	*Calcarius lapponicus*								
Snow Bunting	*Plectrophenax nivalis*								
Northern Cardinal *	*Cardinalis cardinalis*								
Rose-breasted Grosbeak *	*Pheucticus ludovicianus*								
Indigo Bunting *	*Passerina cyanea*								
Dickcissel	*Spiza americana*								
Bobolink *	*Dolichonyx oryzivorus*								
Red-winged Blackbird *	*Agelaius phoeniceus*	400			X	X	X	X	3, 4, 19
Eastern Meadowlark *	*Sturnella magna*								
Rusty Blackbird	*Euphagus carolinus*								
Common Grackle *	*Quiscalus quiscula*	313			X		X	X	3, 4, 8, 20
Brown-headed Cowbird *	*Molothrus ater*								
Orchard Oriole *	*Icterus spurius*								
Baltimore Oriole *	*Icterus galbula*								
Purple Finch	*Haemorhous purpureus*								
House Finch *	*Haemorhous mexicanus*								
Red Crossbill	*Loxia curvirostra*								

Common Name	Scientific Name	Maximum Number	Area						Notes
			L	C	S	P	D	B	
White-winged Crossbill *	*Loxia leucoptera*								
Common Redpoll	*Acanthis flammea*								
Pine Siskin *	*Spinus pinus*								
American Goldfinch *	*Spinus tristis*	3				X	X		3, 4, 6, 21
Evening Grosbeak	*Coccothraustes vespertinus*								
House Sparrow *	*Passer domesticus*								
SPECIES TOTAL		15							

LEGEND

Number means the maximum total observed within the fenceline at the facility; effort was made to avoid any double-counting.

* Indicates species known or suspected to breed in the general area encompassing the site based on generalized state maps (showing county boundaries) presented in "The Atlas of Breeding Birds of Michigan" by R. Brewer et al. (MSU Press: East Lansing, 1991). It should be emphasized that many of the species indicated as breeding birds have specific habitat requirements that are not met by the industrial environment at the Schaefer Road Wastewater Treatment Plant (SRWWTP) and the surrounding area. Thus, species marked with an asterisk above should not be assumed to breed at or even adjacent to the SRWWTP.

Species list adapted from "Bird Checklist of Michigan" (Thayer's Birding Software, 1999) considering habitat provided by site and immediately surrounding areas. Nomenclature is based on the 53rd Supplement to the American Ornithologists' Union "Checklist of North American Birds" (2012).

Bird data collected at five different stations over five-minute intervals throughout the day. Survey performed by Michael Carlson from 6:18 AM to 9:40 PM.

X indicates observations made. It should be emphasized that "X" means that the species was observed within the fenceline of the SRWWTP in proximity to the particular impoundment and, unless otherwise noted, not on or in contact with the water or immediately adjacent to the water at a particular impoundment. In many cases, the species was observed flying over the pond, sometimes higher than 200 feet.

Impoundment Designations:

- L Sludge Ponds
- C Clarifiers
- S Secondary Lagoon
- P Primary Lagoon
- D Diked Lagoon

Other Area Designations:

- B Bermed Area

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Wednesday, March 27, 2013

NOTES

1. Around 06:42 a presumed mated pair was observed to rest on the water surface of the west quarter of the southwest quarter section of the Diked Lagoon. It should be noted that this section of the water surface of the Diked Lagoon appeared to be free of recoverable oil as well as oil sheen. Neither individual appeared to exhibit any staining or matting of feathers. At 06:51 both birds were observed to take off, calling loudly, in response to the company truck traveling east on the road south of the Diked Lagoon. The birds were observed to fly west. Around 07:14 a presumably mated pair was observed to fly from the direction of the Rouge River east over the south end of the Secondary Lagoon and then south over the East Sludge Pond at an estimated height of approximately 20-30 feet above ground surface. No staining was observed on either individual. At least one of the birds was observed to call regularly. Around 07:25 three individuals were observed to fly west and to circle once over the Secondary and Primary Lagoons at an estimated height of approximately 50-80 feet above ground surface. The birds were observed to glide as they circled but did not assume a landing position, and were observed to continue west, exiting the SRWWTP. The firing of a propane cannon at the time may have been a factor in deterring the birds from landing. At 07:41 a second presumably mated pair was observed to fly southeast over the Diked Lagoon and north end of the Secondary Lagoon at an estimated height of approximately 60-80 feet above ground surface. No staining was noted on the underparts of these individuals. At 08:10 one individual was observed to rest on the water surface of the dogleg of the bermed area. Around 10:06 a group of 4 individuals was observed to fly east, to circle broadly over the Primary Lagoon once. The birds were observed to slow their flight and to glide over the SRWWTP. This behavior, together with the circling, was construed to constitute interest in the Primary Lagoon. The birds were observed to then fly back west exiting the SRWWTP along the same flight path that the group had entered. At 19:32 a mated pair was observed to rest on the water surface of the dogleg of the bermed area, although in an alert posture given the presence of the wildlife specialist standing on the west shoulder of the road east of the dogleg. At 20:48 one individual was observed to call from the airspace over the Primary Lagoon. Based on an observed shift in the volume of vocalizations over time, it was determined that the bird was flying east. Most of these individuals were viewed through binoculars albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on any individual. It should be noted that any oil would likely have been apparent on these birds, due to the white throat-cheek patch, white vent, white femoral tract and rump, and pale breast which characterize this species.

2. Individual(s) observed flying over the SRWWTP.

3. Individual(s) was not observed at or near the water's edge of any of the wastewater treatment ponds and lagoons.

4. Individual(s) showed no interest in water surfaces of the SRWWTP wastewater treatment ponds and lagoons.

5. Around 06:42 a hen was observed to call from the bermed area proper. At 07:35 a group of 3 individuals was observed to fly rapidly southeast from the direction of the west end of the bermed area proper over the Diked Lagoon, the northeast corner of the Primary Lagoon, and the north end of the Secondary Lagoon at an estimated height of approximately 60-80 feet above ground surface. The group was then observed to circle back to the north and then northwest. A presumed mated pair (drake and hen) was followed by a drake. This observation was very likely an example of a "three bird flight" in which a drake pursues a mated pair intruding on its territory. Thus, it is unlikely that this behavior indicates interest in the treatment lagoons circled. The individuals in flight were viewed briefly through binoculars under very good light conditions. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that any oil would likely have been apparent on these birds due to the whitish belly and tail, white border of speculum, and white underwing coverts which are characteristic of the plumage in both sexes of this species.

6. Individual(s) likely recently arrived migrant(s) or still in the process of migration.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Wednesday, March 27, 2013

NOTES

(Continued)

7. Around 06:32 two individuals were observed to call: one from what sounded like the plain west of the Primary Lagoon and the other from the bermed area. Around 06:42 one individual was observed to fly north over the Diked Lagoon and bermed area proper. At 07:35 one individual was observed to call from the ground at the base of the south end of the east outer slope of the Diked Lagoon. This individual was observed to alarm call and to fly a short distance west due to the approach of the wildlife specialist, and to land in the main north-south road at the intersection of the east-west road north of the Secondary and Primary Lagoons. Around 07:44 presumably one of the same individuals seen earlier was observed to call from the road north of the Primary Lagoon. At the same time a second individual was observed to call from what sounded like the road south of the Diked Lagoon. At 08:20 four individuals were observed to rest in the grass of the plain west of the Primary Lagoon. Around 09:32 one individual was observed to call from what sounded like the top of the southwest bank of the Secondary Lagoon. Around 09:55 one individual was observed to call from what sounded like the plain northwest of the Primary Lagoon. Around 10:59 one individual was observed to call from what sounded like the bermed area- possibly the bermed area loop road. Approximately 30 seconds later a different individual was observed to call from the airspace over the north end of the Primary Lagoon, the Diked Lagoon, and the bermed area proper. This bird, seemingly flying north, was observed likely at an estimated height of more than 200 feet above ground surface because it was not seen with the naked eye. At 11:32 three individuals were observed to forage in the grass of the plain west of the Primary Lagoon. Around 11:48 one individual was observed to call from the plain west of the Primary Lagoon. At the same time one individual was observed to forage in the grass at the top of the east central bank of the Primary Lagoon inside the fence. At 17:41 one individual was observed to forage in the grass of the plain west of the Primary Lagoon. Around 18:52 one individual was observed to fly east over the north end of the Secondary Lagoon at an estimated height of approximately 10-15 feet above the water surface. This bird was observed to land on the lower middle slope of the east bank of the Secondary Lagoon approximately 120 feet south of the pumphouse. Around 20:15 one individual was observed to call from what sounded like the east end of the bermed area loop road. Around 21:24 one individual was observed to call from what sounded like the plain northwest of the Primary Lagoon. Most of these birds were viewed through both the naked eye and binoculars at relatively close range. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that any oil would likely have been apparent on these birds, due to the white eyebrow, forehead, throat, collar, lower breast, belly, vent, wing stripe, tail tip, and underwing coverts that characterize the plumage of this species.

8. Individual heard, but not seen.

9. Around 06:32 two individuals were observed to give their nasal ground call: one from the east outer slope of the Diked Lagoon and the other from the bermed area proper. Around 06:42 presumably two different individuals were observed to give their nasal ground call: one from the dogleg of the bermed area and one from the south outer slope of the Diked Lagoon. At 20:15 one individual was observed to give its nasal ground call from the south central outer slope of the Diked Lagoon. Around 20:23 another individual was observed to give its nasal ground call from the bermed area proper. At the same time a second individual was observed to give its aerial courtship flight song over the bermed area proper. At 20:34 three individuals were observed to give their nasal ground call: one from near the west end of the south outer slope of the Diked Lagoon, another from the plain west of the Primary Lagoon, and the third from the south end of the dogleg of the bermed area. Around 21:24 one individual was observed to give its nasal ground call from what sounded like the plain northwest of the Primary Lagoon. Around 21:33 two individuals were observed to give their nasal ground calls from the bermed area proper: one along the south side and the other on the far north side.

10. At 19:26 one adult was observed to fly northeast over the Diked Lagoon and bermed area proper at an estimated height of approximately 100-120 feet above ground surface. This individual was observed to glide and to soar over the Diked Lagoon. This behavior, however, was likely acrobatic play in very strong northwest winds and not indicative of interest in the Diked Lagoon or the SRWWTP. This bird was viewed through

NOTES

(Continued)

binoculars albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on this individual. It should be noted that any oil would likely have been very apparent due to the bird's prominent white plumage on the head, breast, belly, tail, and underwing.

11. Around 07:44 one individual was observed to fly west over the Secondary and Primary Lagoons at an estimated height of approximately 80-100 feet above ground surface. Approximately 30-60 seconds later a different individual was observed to call from the airspace over the Primary and Secondary Lagoons. Around 08:03 one adult was observed to fly northeast over the bermed area at an estimated height of approximately 100 feet above ground surface. Around 10:06 one adult was observed to briefly fly east over the west perimeter fence into the airspace over the SRWWTP opposite the Primary Lagoon. After approximately 10 seconds this individual was observed to fly west over the perimeter fence, exiting the SRWWTP. The bird appeared to be acrobatting in very strong northwest winds, and not indicative of any interest in the Primary Lagoon or the SRWWTP. Around 19:07 one individual was observed to call from the airspace over the Diked Lagoon. A few of these individuals were viewed through binoculars, albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that any oil would likely have been very apparent on these third and fourth year adults, due to the birds' prominent white plumage on the head, breast, belly, and underwing.

12. Around 07:44 one individual was observed to fly south over the west side of the dogleg of the bermed area at an estimated height of approximately 50-80 feet above ground surface. At 08:26 presumably a different individual was observed to flush, due to the approach of the wildlife specialist, from either the southwest corner of the Primary Lagoon fence or the west perimeter fence opposite the southwest corner of the Primary Lagoon fence. The bird was observed to fly west and to exit the SRWWTP. The first bird was viewed through binoculars, albeit briefly, and the second bird was viewed through the naked eye at relatively close range. No evidence of oil or discoloration, or matted feathers was observed on either individual. It should be noted that any oil would likely have been apparent due to the pale beige coloration of the underparts and white tips of the tail feathers as well as the pink feet which characterize the breeding plumage of this species.

13. This species was observed during 37% (17 of 45) of the five-minute survey sessions. Many of the observations, particularly those made before sunrise, were of individuals singing and calling. Only sight observations are presented here. Around 07:25 one individual was observed to fly north over the Secondary Lagoon at an estimated height of over 200 feet above ground surface. Around 08:30 one individual was observed to sing from atop the west perimeter fence opposite the center of the plain south of the Primary Lagoon. Around 09:41 one individual was observed to fly north over the Diked Lagoon and bermed area at an estimated height of approximately 30-60 feet above ground surface. Around 10:46 one individual was observed to forage in the grass of the plain west of the Primary Lagoon. Around 11:21 one individual was observed to forage on the west shoulder of the main north-south road approximately 20 feet south of OMI 1. At 11:32 one individual was observed to flush from the west perimeter road opposite the hoist south of OMI 2 due to the approach of the wildlife specialist. The bird was observed to fly west and to perch in a tree outside the SRWWTP. Seconds later four individuals were observed to forage in the plain west of the Primary Lagoon. Around 18:52 one individual was observed to forage in the grass immediately west of the west perimeter fence approximately 20 feet north of the Secondary Lagoon outfall. At 19:03 one individual was observed to forage in the east perimeter road northeast of the grit chambers. At 19:04 this bird was observed to fly west over the north end of the Secondary Lagoon. Most of these birds were viewed through the naked eye at relatively close and close range, and several were viewed at close range through binoculars, albeit briefly. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that oil would likely have been apparent on these birds, due to the yellow bill, white around the eyes, orangish breast and belly, white undertail coverts and white tail spots which are characteristic of the plumage of this species.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

BIRD SURVEY RESULTS

Wednesday, March 27, 2013

NOTES

(Continued)

14. Not a protected migratory bird.

15. Most of these individuals were associated with a starling-blackbird night roost in the bermed area proper. The rest of the individuals observed were flying over the SRWWTP. Around 07:44 one individual was observed to rest in a tree in the dogleg of the bermed area. Around 09:46 one individual was observed to fly east over the bermed area proper at an estimated height of approximately 20-30 feet above ground surface. Around 19:07 a loose group of 27 individuals was observed to rest in trees of the dogleg of the bermed area. Around 19:18 a loose group of 19 individuals was observed to rest in trees at the dogleg of the bermed area. Around 20:23 and 21:33 two individuals were observed to vocalize from the bermed area proper.

16. At 08:20 one individual was observed to call from the ground of the plain northwest of the Primary Lagoon.

17. Around 06:42 one individual was observed to sing in the bermed area proper. At 06:54 one individual was observed to call from the ground of the plain northwest of the Primary Lagoon. At 07:35 one individual was observed to sing from near the south end of the east outer slope of the Diked Lagoon. Around 09:46 one individual was observed to sing from the dogleg of the bermed area. Around 07:44, 08:03 and at 14:41 one individual was observed to call from the east end of the south outer slope of the Diked Lagoon. At 15:10 one individual was observed to call from the south end of the dogleg of the bermed area. Around 20:15 two individuals were observed to sing from the bermed area.

18. At 15:10 one individual was observed to sing from the vegetation at the south end of the dogleg of the bermed area. At 15:12 this same individual was observed to rest in a small tree at the south end of the dogleg of the bermed area. At the same time two individuals were observed to call and to fly west from near the west end of the south outer slope of the Diked Lagoon and over the west road to the Diked Lagoon at an estimated height of approximately 6-10 feet above ground surface. Both birds appeared to land in vegetation at the south end of the dogleg of the bermed area. Around 20:23 one individual was observed to call from the south side of the bermed area proper. Only three individuals were seen: two at relatively close range through the naked eye, and one at relatively close range through binoculars, albeit very briefly. No evidence of oil or discoloration, or matted feathers was observed on these individuals. It should be noted that oil would likely have been apparent on the birds due to the pinkish bill, whitish belly and white outer tail feathers that characterize the plumage of the species.

19. Most of these individuals were associated with a starling-blackbird night roost in the bermed area proper. The first individual was observed vocalizing from the bermed area proper around 06:42. Approximately 4-12 individuals were observed to sing and call from the bermed area throughout much of the morning. Observations of such singing and calling birds in the bermed area are not presented here. Around 07:25 one individual was observed to call from what sounded like the pines along the east perimeter fence approximately 60-75 feet northeast of the north shed east of the Secondary Lagoon. Around 07:44 and 08:03 five and three individuals, respectively, were observed to rest in trees with Common Grackles and European Starling in the dogleg of the bermed area. At 08:20 one individual was observed to sing from atop the new northeast gate in the Primary Lagoon fence. At 09:27 likely the same individual was observed to call from the top of the new northeast gate in the Primary Lagoon fence. At 09:30 the same bird was observed to fly a short distance and to sing from the top of the northeast corner of the Primary Lagoon fence. Around 09:32 likely the same bird (based on vocalization type and volume) was observed to call from a tree at the south end of the east outer slope of the Diked Lagoon. Around 08:26 one individual was observed to call from what sounded like the top of the west bank of the Secondary Lagoon opposite the skimmer at the junction of the north and south diagonal booms. Around 08:30 presumably this same individual was observed to call from the Mylar ribbon cable along the top of the west bank of the Secondary Lagoon opposite OMI 1. Around 09:17 presumably the same bird was observed to call from atop the power pole at the former skimmer at the west junction of the north and south diagonal booms. At 17:41 one individual was observed to forage in vegetation on the east side of the plain west of the Primary Lagoon.

NOTES

(Continued)

This individual was observed to call steadily for approximately 10 minutes. Around 17:50 two individuals were observed to rest in trees: one near the south end of the dogleg of the bermed area, and the other at the west end of the south outer slope of the Diked Lagoon. Around 19:07 a loose flock of 35 individuals was observed to rest in trees in the dogleg of the bermed area. Around 19:18 a total of 19 individuals were observed in trees at the dogleg of the bermed area. Around 20:23 two individuals were observed to call from the *Phragmites* and/or *Typha* in the bermed area proper. All the birds seen were males.

20. Most of these individuals were associated with a starling-blackbird night roost in the bermed area proper. The first individual was observed vocalizing from the bermed area proper around 06:42. Individuals were subsequently observed to call and to sing from the bermed area, particularly the dogleg west of the Diked Lagoon, throughout much of the morning. Observations of such vocalizing birds in the bermed area are not presented here. Around 07:44 and 08:03, 15 and 11 individuals, respectively, were observed to rest in trees with Red-winged Blackbirds and European Starling in the dogleg of the bermed area. Also around 08:03 seven individuals were observed to fly north over the Diked Lagoon and bermed area proper at an estimated height of approximately 20-45 feet above ground surface. At 08:56 one individual was observed to call from atop the sensor at the top of the power pole immediately east of the belt skimmer tank on the southeast bank of the Secondary Lagoon. Around 09:00 one individual was observed to forage in the grass at the top of the north central bank of the Secondary Lagoon. Around 09:41 and 10:59 a loose group of 8 individuals was observed to rest in trees in the dogleg of the bermed area. Around 09:46 a group of 11 individuals was observed to rest in trees in the dogleg of the bermed area. Around 11:41 seven individuals were observed to rest in the trees of the dogleg of the bermed area. Around 19:07 a loose flock of 12 individuals was observed to rest in trees in the dogleg of the bermed area. Around 19:18 a total of 18 individuals were observed in trees at the dogleg of the bermed area. Around 21:33 three individuals were observed to call from the *Phragmites* and/or *Typha* in the bermed area proper.

21. Around 09:46 one individual was observed to call from the airspace over the Diked Lagoon. Around 10:46 two individuals were observed to call as they flew west-southwest over the plain south of the Primary Lagoon at an estimated height of approximately 100 feet above ground surface. Only one individual was seen, and it was not viewed through binoculars and was only viewed through the naked eye as a silhouette. Thus, no conclusion can be made concerning the condition of plumage of this individual.

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 3-27-13

1	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: near the top of the southeast bank of the Secondary Lagoon approximately 4 feet south of belt skimmer		Status: probably inactive		☒ very old ☐ residual	From NA individual(s)
			Based on: lack of any activity within the past year			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
2	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: at the top of the southeast bank of the Secondary Lagoon approximately 7 feet south-southwest west of belt skimmer		Status: inactive		☒ very old ☐ residual	From NA individual(s)
			Based on: entrance significantly subsided and overgrown			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
3	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 3	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: under southwest foundation of pumphouse at top of northeast bank of Secondary Lagoon		Status: possibly active		☒ very old ☐ residual	From NA individual(s)
			Based on: Woodchuck observed at burrow entrance at concrete slab during September 2011 survey.			Behavior: NA
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note:			
4	Type: scat	Species: COYOTE	☐ certain ☒ probable ☐ possible ☐ found before	#: 4	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: north side of road north of Primary Lagoon, approximately 40 feet north of northeast corner of Primary Lagoon fence		Status: NA		☐ very old ☐ residual	From 1 individual(s)
			Based on: NA			Behavior: unknown
	Photo #: 3	Sizing Basis: inch tape measure				
	Additional Sign Present: none		Note: Much hair. Large diameter.			
5	Type: form	Species: EASTERN COTTONTAIL	☒ certain ☐ probable ☐ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: lower middle slope of southwest bank of Secondary Lagoon, approximately 9 feet northwest of west end of north diagonal boom		Status: inactive		☐ very old ☐ residual	From NA individual(s)
			Based on: open and no young present			Behavior: NA
	Photo #: 5	Sizing Basis: inch tape measure				
	Additional Sign Present: fur all around form (See Item 6)		Note: May possibly have been found and excavated by predator (e.g., coyote) based on dispersal of fur.			

SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 3-27-13

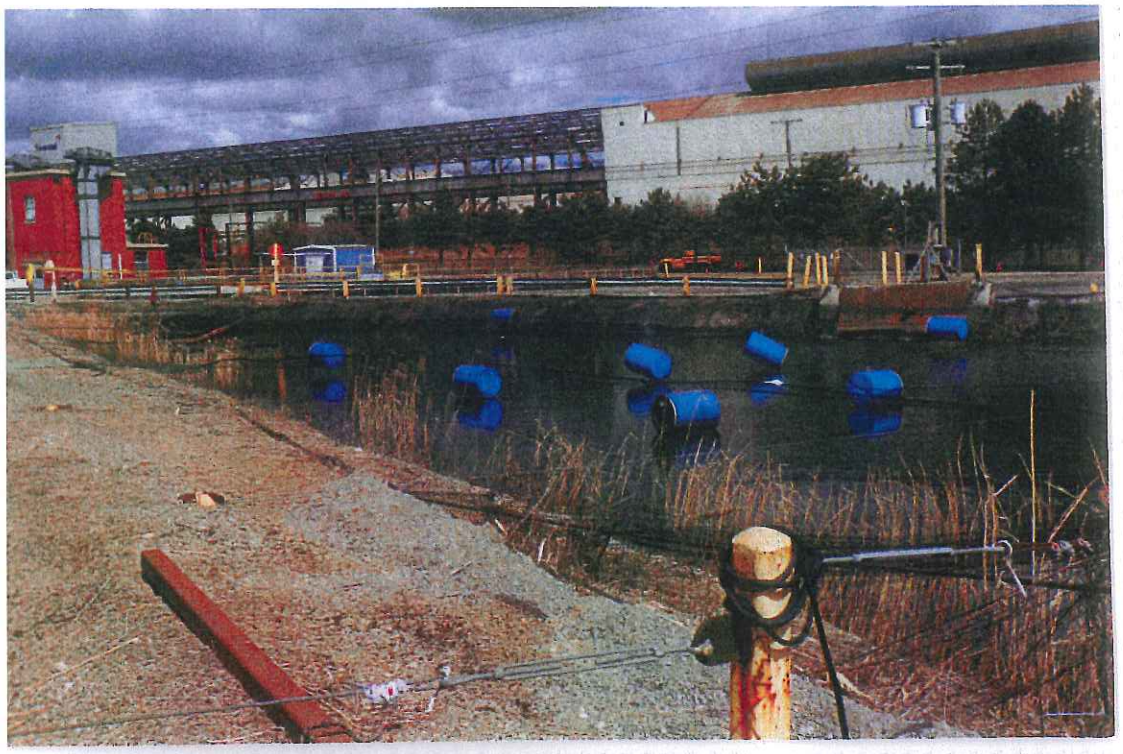
6	Type: fur	Species: EASTERN COTTONTAIL	☒ certain ☐ probable ☐ possible ☐ found before	#: ~45	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☒ no oil apparent ☐ damaged
	Location: lower portion of mid-slope of southwest Secondary Lagoon, approximately 8 feet northwest of west end of north diagonal boom		Status: NA		☐ very old ☐ residual	From 1 individual(s)
	Photo #: 6	Sizing Basis: inch tape measure	Based on: NA			Behavior: nesting
	Additional Sign Present: form (See Item 5)		Note: Gray fur- some tinged with rufous and white all around form and approximately 1-24 inches away.			
7	Type: excavation	Species: EASTERN COTTONTAIL	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: under west perimeter fence, approximately 70 feet southwest of southwest corner of Primary Lagoon fence		Status: NA		☐ very old ☐ residual	From 1 individual(s)
	Photo #: 7	Sizing Basis: inch tape measure	Based on: NA			Behavior: digging
	Additional Sign Present: none		Note: Under-fence dig.			
8	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: outside (1 foot east of) east side of Primary Lagoon fence, approximately 8 feet north of utility pole near northeast corner of Primary Lagoon		Status: probably active		☒ very old ☐ residual	From NA individual(s)
	Photo #: none	Sizing Basis: NA	Based on: entrance appeared to have been modified slightly last year			Behavior: NA
	Additional Sign Present: none		Note: Likely connected to Item 9.			
9	Type: burrow	Species: WOODCHUCK	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: mid-slope of northeast bank of Primary Lagoon, approximately 15 feet northwest of utility pole		Status: probably active		☒ very old ☐ residual	From NA individual(s)
	Photo #: none	Sizing Basis: NA	Based on: entrance appears to have been modified slightly			Behavior: NA
	Additional Sign Present: none		Note: Likely connected to Item 8.			
10	Type: runway	Species: MEADOW VOLE	☐ certain ☒ probable ☐ possible ☐ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged
	Location: middle to lower slope of south central bank of Primary Lagoon, approximately 60 feet east of southwest corner		Status: NA		☐ very old ☐ residual	From 2-3 individual(s)
	Photo #: 13	Sizing Basis: inch tape measure	Based on: NA			Behavior: foraging
	Additional Sign Present: none		Note: Approximately 25 linear feet.			

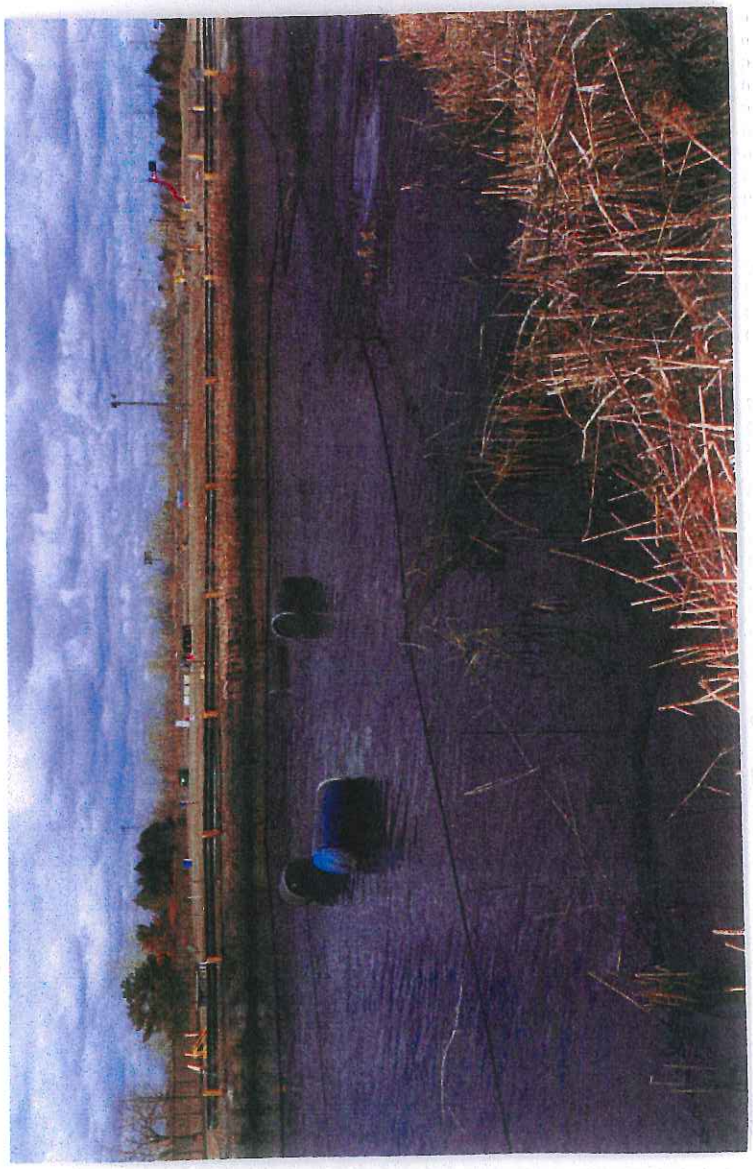
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

ANIMAL SIGN OBSERVED

DATE: 3-27-13

11	Type: runway	Species: MEADOW VOLE	☐ certain ☒ probable ☐ possible ☐ found before	#: 1	☐ fresh ☐ relatively fresh ☒ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From 1-2 individual(s)
	Location: middle to lower slope of south central bank of Primary Lagoon, approximately 40 feet east of southwest corner		Status: NA			
			Based on: NA			Behavior: foraging
	Photo #: none	Sizing Basis: NA				
	Additional Sign Present: none		Note: Approximately 8 linear feet.			
12	Type: dropping	Species: KILLDEER	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☐ fresh ☒ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From 1 individual(s)
	Location: top of west end of baffle at south end of Primary Lagoon		Status: NA			
			Based on: NA			Behavior: unknown
	Photo #: 14	Sizing Basis: inch tape measure				
	Additional Sign Present: none		Note: Some topography.			
13	Type: dropping	Species: AMERICAN ROBIN	☐ certain ☐ probable ☒ possible ☐ found before	#: 1	☒ fresh ☐ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From 1 individual(s)
	Location: west perimeter road approximately 10 feet east of the south end of the dogleg of the bermed area		Status: NA			
			Based on: NA			Behavior: standing
	Photo #: 17	Sizing Basis: inch tape measure				
	Additional Sign Present: none		Note: Distinct topography – raised darker center.			
14	Type: burrow	Species: EASTERN COTTONTAIL	☐ certain ☒ probable ☐ possible ☒ found before	#: 1	☐ fresh ☐ relatively fresh ☐ relatively old ☒ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From NA individual(s)
	Location: Approximately 0.5 feet north of the south end of the steel headwall at the southeast corner of the Primary Lagoon and immediately adjacent to headwall		Status: probably active			
			Based on: opening appears to have been modified slightly			Behavior: NA
	Photo #: 11	Sizing Basis: none				
	Additional Sign Present: none		Note:			
	Type:	Species:	☐ certain ☐ probable ☐ possible ☐ found before	#:	☐ fresh ☐ relatively fresh ☐ relatively old ☐ old ☐ very old ☐ residual	☐ soiled ☐ appears to be oiled ☐ no oil apparent ☐ damaged From individual(s)
	Location:		Status:			
			Based on:			Behavior:
	Photo #:	Sizing Basis:				
	Additional Sign Present:		Note:			





STANLEY
MADE IN U.S.A.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#1: East Sludge Pond, looking northeast from approximately 15 feet north of the skimmer tank between the East and West Sludge Ponds. Note netting, spacer drums, and east perimeter fence in-place. Office at far left background.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#2: West Sludge Pond, looking west-northwest from approximately 15 feet north of the skimmer tank between the East and West Sludge Ponds. Note netting, spacer drums, west perimeter fence, and air-dancer in-place.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#3: Surface of north side of road north of Primary Lagoon, approximately 42 feet north of northeast corner of Primary Lagoon fence looking down and west. Note Coyote scat and inch tape measure for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#4: Diked Lagoon, looking east from approximately 20 feet south of the northwest corner of the Diked Lagoon. Note absence of oil, Typha (cattails), and islands.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

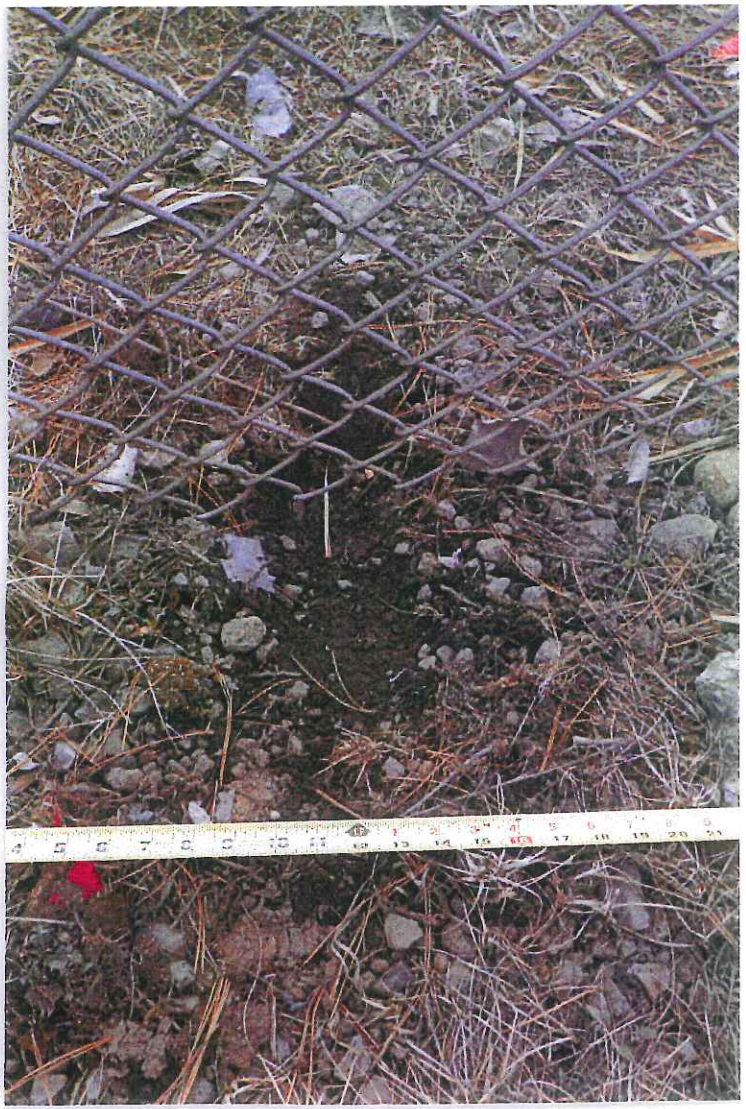
#5: Ground at lower middle slope of southwest bank of Secondary Lagoon approximately 9 feet northwest of west end of north diagonal boom. Note empty form (nest) of Eastern Cottontail and inch tape measure for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#6: Ground at lower mid-slope of southwest bank of Secondary Lagoon approximately 8 feet northwest of west end of north diagonal boom. Note loose fur of Eastern Cottontail from form and inch tape measure for sizing.

STANLEY
Life Guard
MADE IN U.S.A.
P.R. APP'D
NO. 339 TC
THE STANLEY WORKS



SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#7: Ground at base of west perimeter fence approximately 70 feet southwest of southwest corner of Primary Lagoon fence looking down & west. Note possible Eastern Cottontail under-fence dig & inch tape measure for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

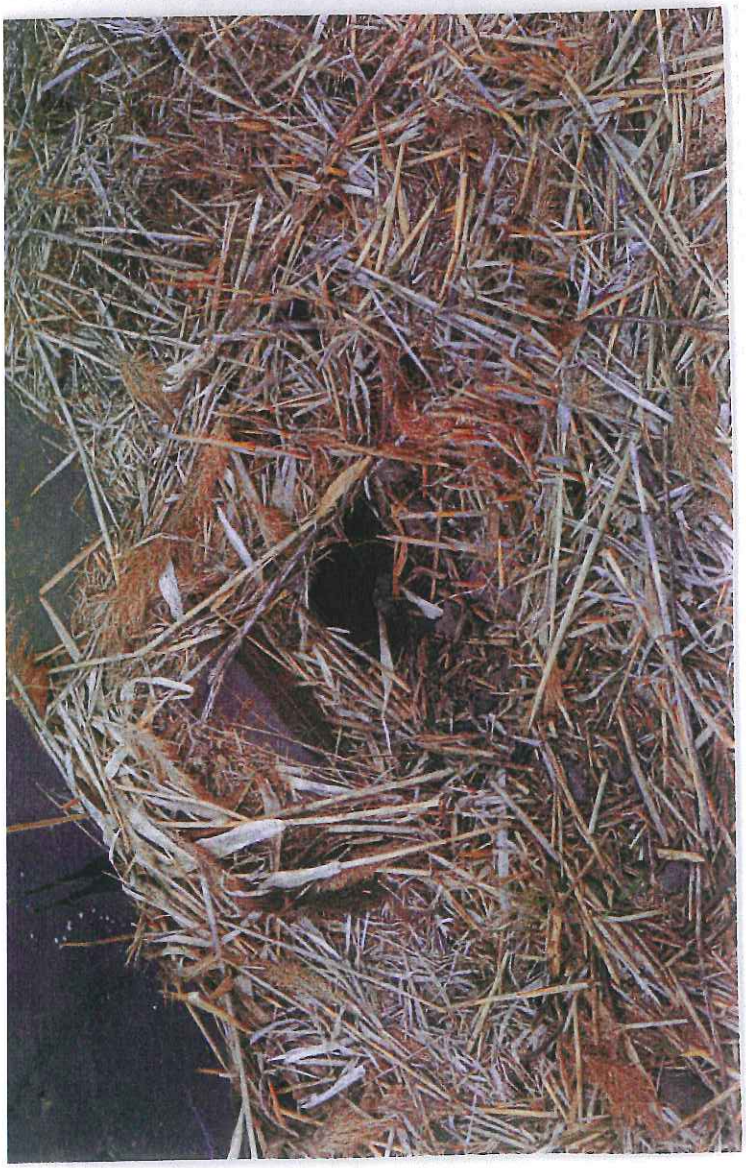
Photographed by Michael Carlson
March 27, 2013 - afternoon

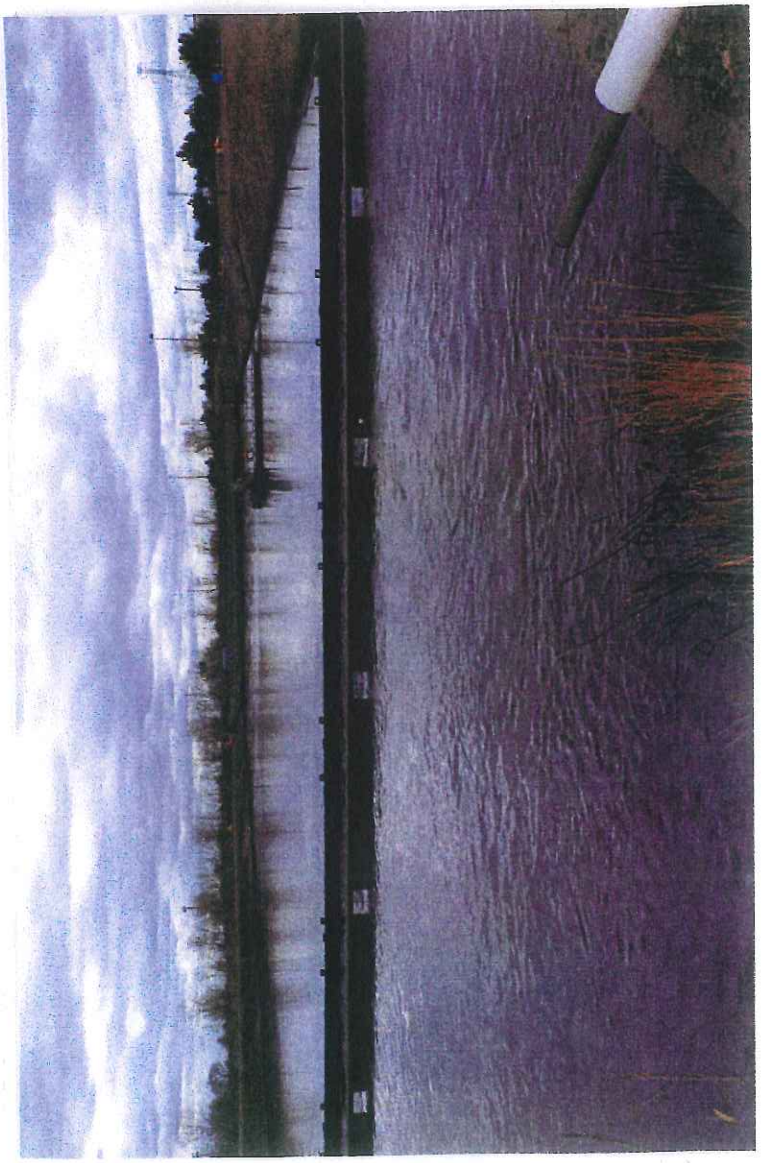
#8: Surface of main north-south road opposite southeast corner of Primary Lagoon fence, looking down and north. Note old, desiccated, carcass of probable Green Frog, run over by vehicle, & inch tape measure for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#9: Northeast corner of Primary Lagoon, looking east from the middle slope of the north central bank of Primary Lagoon under the net. Note netting in-place.





SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#10: Northwest corner of Primary Lagoon, looking west-southwest from approximately 20 feet northeast of the northwest corner of lagoon under net. Note netting and Primary Lagoon fence in-place. OMI 2 behind *Phragmites*.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

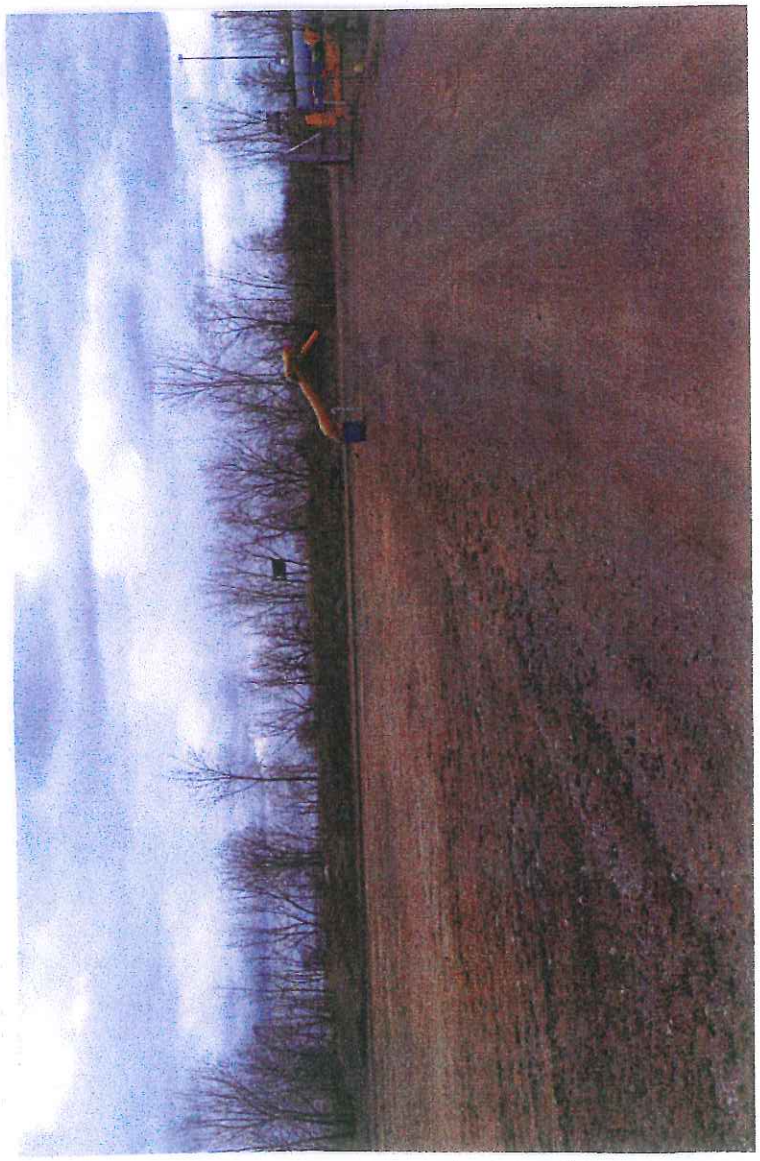
#11: Ground of lower slope of bank near southeast corner of Primary Lagoon, looking down & northwest from same. Note burrow opening of probable Eastern Cottontail 0.5 feet north of the south end of the steel headwall.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#12: Primary Lagoon, looking north-northwest from southeast corner of Primary Lagoon. Note propane cannons and Primary Lagoon fence in-place. Weir and baffle at center; TVT and bridge in right background.

STANLEY
Life Guard
25ft
ft
in



SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#13: Ground at lower edge of middle slope of south bank of Primary Lagoon, looking down and south from approximately 60 feet east of southwest corner of lagoon. Note runway of Meadow Vole and inch tape measure for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#14: Top of west end of baffle at south end of Primary Lagoon looking down and north from same. Note dropping from probable Killdeer and inch tape measure for sizing.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#15: Plain northwest of Primary Lagoon and west Primary Lagoon road, looking north-northwest from approximately a point opposite 5 feet south of hoist. Note air-dancer, and Primary Lagoon fence with new gate in-place.

STANLEY
Life Guard
25ft
ft
in

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#16: Primary (right) and Secondary (left) Lagoons looking south from approximately 5 feet south of Station No. 4. Note propane cannon, air-dancers, Primary Lagoon fence, and netting in place. Center: main north-south road.

SEVERSTAL DEARBORN, LLC.
SCHAEFER ROAD WWTP

Photographed by Michael Carlson
March 27, 2013 - afternoon

#17: Surface of west perimeter road, looking down and south from approximately 20 feet east of south end of dogleg of the bermed area. Note fresh dropping of probable American Robin and inch tape measure for sizing.

APPENDIX B

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD

March 1 to March 31, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG*

Inspections	Bird Observations	Overflights	Interest Shown	Location	Number of Horn Blasts	Result
124	44	5	10	Near Primary Lagoon, near diked Lagoon, near Secondary Lagoon, and on Gravel Road	100	Flew away. A few birds flew away or to another pond after horn blasts, so repetitive action was required.

*During dawn to dusk inspections

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Bank Cover Oiled	Cannon Operating	Wildlife Observed	Exposed Wildlife Observed
None	31 days	31 days	None	None

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil Not Captured (by Skimmers)					
Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Oil Contained	Comments
No	No	No	No	Yes. Used skimmers on Primary and Secondary Lagoons, and called contractor to remove oil.	Oil not captured by skimmers is removed on a daily basis.

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
3/1	7:45 AM	N	N	N	N	0	N	RC
3/1	9:00 AM	N	N	N	N	0	N	RC
3/1	1:00 PM	N	N	N	N	0	N	RC
3/1	6:30 PM	N	N	N	N	0	N	RC
3/2	7:45 AM	N	N	N	N	0	N	RC
3/2	9:00 AM	N	N	N	N	0	N	RC
3/2	1:00 PM	N	N	N	N	0	N	RC
3/2	6:30 PM	2 ORCHARD ORIOLE	N	N	D	0	FLEW INTO TREES	RC
3/3	7:45 AM	N	N	N	N	0	N	RC
3/3	9:00 AM	N	N	N	N	0	N	RC
3/3	1:00 PM	N	N	N	N	0	N	RC
3/3	6:30 PM	3 RUSTY BLACKBIRDS	N	N	D	0	FLEW INTO BERMED AREA	RC
3/4	7:45 AM	N	N	N	N	0	N	RC
3/4	9:00 AM	1 REDWINGED BLACKBIRD	N	N	S	1	FLEW AWAY	RC
3/4	1:00 PM	N	N	N	N	0	N	RC
3/4	6:30 PM	2 ORCHIN ORIOLES	N	N	D	0	FLEW AWAY	RC
3/5	7:45 AM	N	N	N	N	0	N	JH
3/5	9:00 AM	N	N	N	N	0	N	JH

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
3/5	1:00 PM	N	N	N	N	0	N	[illegible]
3/5	7:00 PM	N	N	N	N	0	N	[illegible]
3/6	7:45 AM	N	N	N	N	0	N	[illegible]
3/6	9:00 AM	N	N	N	N	0	N	[illegible]
3/6	1:00 PM	N	N	N	N	0	N	[illegible]
3/6	6:45 PM	N	N	N	N	0	N	[illegible]
3/7	7:45 AM	N	N	N	N	0	N	[illegible]
3/7	9:00 AM	N	N	N	N	0	N	[illegible]
3/7	1:00 PM	N	N	N	N	0	N	[illegible]
3/7	6:45 PM	N	N	N	N	0	N	[illegible]
3/8	7:45 AM	N	N	N	N	0	N	[illegible]
3/8	9:00 AM	N	N	N	N	0	N	[illegible]
3/8	1:00 PM	N	N	N	N	0	N	[illegible]
3/8	6:45 PM	N	N	N	N	0	N	[illegible]
3/9	7:45 AM	N	N	N	N	0	N	[illegible]
3/9	9:00 AM	N	N	N	N	0	N	[illegible]
3/9	1:00 PM	N	N	N	N	0	N	[illegible]
3/9	6:30 PM	N	N	N	N	0	N	[illegible]

Location Code: **B** = near Berried area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

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SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
3/10	7:45 AM	N	N	N	N	0	N	RC
3/10	9:00 AM	N	N	N	N	0	N	RC
3/10	1:00 PM	UPLAND SANDPIPER	Y	Y	S	2	FLEW AWAY	RC
3/10	7:15 PM	3 ORCHID ORIOLES	N	N	P	0	FLEW INTO BERMED AREA	RC
3/11	7:45 AM	N	N	N	N	0	N	RC
3/11	9:00 AM	2 AMERICAN ROBINS	N	Y	S	2	FLEW AWAY	RC
3/11	1:00 PM	1 RED WINGED BLACKBIRD 3 AMERICAN ROBINS	N	N	P	1	FLEW AWAY	RC
3/11	7:15 PM	2 AMERICAN ROBINS	N	N	S	1	FLEW AWAY	RC
3/12	7:45 AM	N	N	N	N	0	N	RC
3/12	9:00 AM	N	N	N	N	0	N	RC
3/12	1:00 PM	6 AMERICAN ROBINS 1 KILLDEER	N	N	P	2	FLEW AWAY	RC
3/12	7:15 PM	N	N	N	N	0	N	RC
3/13	7:45 AM	~~PIED~~ N PIED-BILLED GREBE	N	N	~~N~~ P	0	N	[illegible]
3/13	9:00 AM	1 CANADA GOOSE	N	Y	D	20	FLEW AWAY	[illegible]
3/13	1:00 PM	N	N	N	N	0	N	[illegible]
3/13	7:15 PM	N	N	N	N	0	N	[illegible]
3/14	7:45 AM	N	N	N	N	0	N	[illegible]
3/14	9:00 AM	KILLDEER	N	N	B	2	NOTHING HAPPENED	[illegible]

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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DATE: 2/24/2001

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activity log

SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
3/14	1:00 PM	KILLDEER	N	N	B	2	NOTHING	[illegible]
3/14	7:15 PM	KILLDEER	N	N	B	2	NOTHING	[illegible]
3/15	7:45 AM	CANADIAN GEESE	N	N	B/D	2	NOTHING	[illegible]
3/15	9:00 AM	N	N	N	N	0	N	[illegible]
3/15	1:00 PM	N	N	N	N	0	N	[illegible]
3/15	7:15 PM	N	N	N	N	0	N	[illegible]
3/16	7:45 AM	N	N	N	N	0	N	[illegible]
3/16	9:00 AM	N	N	N	N	0	N	[illegible]
3/16	1:00 PM	KILLDEER	N	N	B	2	FLEW AWAY	[illegible]
3/16	7:15 PM	N	N	N	N	0	N	[illegible]
3/17	7:45 AM	N	N	N	N	0	N	RC
3/17	9:00 AM	NORTHERN HARRIER	N	Y	S	1	FLEW AWAY	RC
3/17	1:00 PM	N	N	N	N	0	N	RC
3/17	7:15 PM	N	N	N	N	0	N	RC
3/18	7:45 AM	2 MALLARDS	N	Y	S	3	FLEW AWAY	RC
3/18	9:00 AM	N	N	N	N	0	N	RC
3/18	1:00 PM	N	N	N	N	0	N	RC
3/18	7:15 PM	1 RED WINGED BLACKBIRD	N	N	S	0	FLEW AWAY	RC

Location Code: **B** = near Bermed area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

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DATE: 2/24/2001

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activity log

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
3/19	7:45 AM	2 CANADA GOOSES	N	Y	B	3	NOTHING	[illegible]
3/19	9:00 AM	N	N	N	N	0	N	[illegible]
3/19	1:00 PM	1 KILLDEER / 2 CANADA GEESES	N	N / Y	P / B	0 / 2	FLEW AWAY / NOTHING	[illegible]
3/19	7:15 PM	N	N	N	N	0	N	[illegible]
3/20	7:45 AM	N	N	N	N	0	N	[illegible]
3/20	9:00 AM	N	N	N	N	0	N	[illegible]
3/20	1:00 PM	1 KILLDEER	N	N	P	3	FLEW AWAY	[illegible]
3/20	7:15 PM	2 CANADA GOOSES	N	Y	B	2	NOTHING	[illegible]
3/21	7:45 AM	N	N	N	N	0	N	[illegible]
3/21	9:00 AM	N	N	N	N	0	N	[illegible]
3/21	1:00 PM	N	N	N	N	0	N	[illegible]
3/21	7:15 PM	N	N	N	N	0	N	[illegible]
3/22	7:45 AM	N	N	N	N	0	N	[illegible]
3/22	9:00 AM	2 CANADIAN GEESE	Y	N	S	2	FLEW AWAY	[illegible]
3/22	1:00 PM	N	N	N	N	0	N	[illegible]
3/22	7:15 PM	N	N	N	N	0	N	[illegible]
3/23	7:45 AM	N	N	N	N	0	N	[illegible]
3/23	9:00 AM	N	N	N	N	0	N	[illegible]

Location Code: **B** = near Bermed area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
3/23	1:00 PM	N	N	N	N	0	N	JH
3/23	7:15 PM	2 MALLARD Ducks	N	N	B	2	FLEW AWAY	JH
3/24	7:45 AM	KILLDEER	N	N	B	2	FLEW AWAY	JH
3/24	9:00 AM	N	N	N	N	0	N	JH
3/24	1:00 PM	N	N	N	N	0	N	JH
3/24	7:15 PM	N	N	N	N	0	N	JH
3/25	7:45 AM	3 CANADA GOOSES	N	Y	B	4	NOTHING	RC
3/25	9:00 AM	N	N	N	N	0	N	RC
3/25	1:00 AM	2 KILLDEER	N	Y	S	0	FLEW AWAY	RC
3/25	7:15 PM	1 KILLDEER	N	N	S	0	FLEW AWAY	RC
3/26	7:45 AM	N	N	N	N	0	N	RC
3/26	9:00 AM	2 REDWINGED BLACKBIRDS	N	N	S	1	FLEW AWAY	RC
3/26	1:00 PM	N	N	N	N	0	N	RC
3/26	7:15 PM	N	N	N	N	0	N	RC
3/27	7:45 AM	3 KILLDEER	N	N	P	1	NOTHING	RC
3/27	9:00 AM	2 MALLARDS	N	Y	S	1	FLEW AWAY	RC
3/27	1:30 PM	2 KILLDEER	N	N	P	0	FLEW AWAY	RC
3/27	7:15 PM	2 CANADA GOOSES	N	Y	B	0	N	RC

Location Code: **B** = near Bermed area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

2013

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
3/28	7:45 AM	4 CANADA GOOSES	Y	N	P	0	FLEW AWAY	RC
3/28	9:00 AM	~~AMERICAN ROBIN~~ AMERICAN ROBIN	N	N	P	1	FLEW AWAY	RC
3/28	1:00 PM	2 AMERICAN ROBIN	1 RED WINGED 1 BLACKBIRD	N	P	2	FLEW AWAY	RC
3/28	7:15 PM	N	N	N	N	0	N	RC
3/29	7:45 AM	N	N	N	N	0	N	DT
3/29	9:00 AM	N	N	N	N	0	N	DT
3/29	1:00 PM	N	N	N	N	0	N	DT
3/29	7:15 PM	KILLDEER - ROBINS RED WING BLACKBIRD	Y	N	B	4	FLEW AWAY	DT
3/30	7:45 AM	2 CANADIAN GEESE	N	N	B	4	FLEW AWAY	DT
3/30	9:00 AM	N	N	N	N	0 ~~[illegible]~~	N	DT
3/30	1:00 PM	KILLDEER RED WING BLACKBIRD	N	N	B	4	FLEW AWAY	DT
3/30	7:15 PM	N	N	N	N	0	N	DT
3/31	7:45 AM	KILLDEER / ROBINS / RED WING B.B.	N	N	B	4	FLEW AWAY	DT
3/31	9:00 AM	3 CANADIAN GEESE	Y	Y	D	10	FLEW AWAY	DT
3/31	1:00 PM	2 CANADIAN GEESE	N	N	B	5	FLEW AWAY	DT
3/31	7:15 PM	N	N	N	N	0	N	DT
X								
X								

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
3/1	7:45 AM	N	N	Y	Y	N	N	N	RC
	6:30 PM	N	N	Y	Y	N	N	N	RC
3/1	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
3/2	7:45 AM	N	N	Y	Y	N	N	N	RC
	6:30 PM	N	N	Y	Y	N	N	N	RC
3/2	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
3/3	7:45 AM	N	N	Y	Y	N	N	N	RC
	6:30 PM	N	N	Y	Y	N	N	N	RC
3/3	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
3/4	7:45 AM	N	N	Y	Y	N	N	N	RC
	6:30 PM	N	N	Y	Y	N	N	N	RC

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

[3] If live exposed animals are observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required. If dead exposed animals are observed, leave undisturbed, and immediately notify Environmental Engineering.

FORM SRWWTP 1.02
DATE: 2/26/2001

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
3/4	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
3/5	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/5	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/6	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:45 PM	N	N	Y	Y	N	N	N	[illegible]
3/6	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/7	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:45 PM	N	N	Y	Y	N	N	N	[illegible]
3/7	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
3/8	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	1:45 PM	N	N	Y	Y	N	N	N	[illegible]
3/8	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/9	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:30 PM	N	N	Y	Y	N	N	N	[illegible]
3/9	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/10	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/10	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/11	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
3/11	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/12	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/12	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/13	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/13	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/14	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/14	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
3/15	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/15	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/16	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/16	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/17	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/17	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/18	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
3/18	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
3/19	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
3/19	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
3/20	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
3/20	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
3/21	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/21	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
3/22	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/22	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/23	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/23	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/24	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/24	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/25	7:45 AM	N	N	Y	Y	N	N	N	RC
	7:15 PM	N	N	Y	Y	N	N	N	RC

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
3/25	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
3/26	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
3/26	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE
3/27	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
3/27	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:30 PM	N	N	Y	Y	N	N	N	RE
3/28	7:45 AM	N	N	Y	Y	N	N	N	RE
	7:15 PM	N	N	Y	Y	N	N	N	RE
3/28	9:00 AM	N	N	Y	Y	N	N	N	RE
	1:00 PM	N	N	Y	Y	N	N	N	RE

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
3/29	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/29	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/30	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/30	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
3/31	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:15 PM	N	N	Y	Y	N	N	N	[illegible]
3/31	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
X	AM								
	PM								

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

q:\excel rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
3/1	7:45 AM	N	N	N	N	Y	NA	RC
	6:30 PM	N	N	N	N	Y	NA	RC
3/1	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
3/2	7:45 AM	N	N	N	N	Y	NA	RC
	6:30 PM	N	N	N	N	Y	NA	RC
3/2	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
3/3	7:45 AM	N	N	N	N	Y	NA	RC
	6:30 PM	N	N	N	N	Y	NA	RC
3/3	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
3/4	7:45 AM	N	N	N	N	Y	NA	RC
	6:30 PM	N	N	N	N	Y	NA	RC

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers?[1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
3/4	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/5	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:00 PM	N	N	N	N	Y	NA	[illegible]
3/5	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/6	7:45 AM	N	N	N	N	Y	NA	[illegible]
	6:45 PM	N	N	N	N	Y	NA	[illegible]
3/6	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/7	7:45 AM	N	N	N	N	Y	NA	[illegible]
	6:45 PM	N	N	N	N	Y	NA	[illegible]
3/7	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers?[1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
3/8	7:45 AM	N	N	N	N	Y	NA	[illegible]
	6:45 PM	N	N	N	N	Y	NA	[illegible]
3/8	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/9	7:45 AM	N	N	N	N	Y	NA	[illegible]
	6:30 PM	N	N	N	N	Y	NA	[illegible]
3/9	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/10	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/10	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/11	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
3/11	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/12	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/12	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/13	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/13	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/14	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/14	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column. (Sample: "Called Doctsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
3/15	7:45 AM	N	N	N	N	Y	NA	JH
	7:15 PM	N	N	N	N	Y	NA	JH
3/15	9:00 AM	N	N	N	N	Y	NA	JH
	1:00 PM	N	N	N	N	Y	NA	JH
3/16	7:45 AM	N	N	N	N	Y	NA	JH
	7:15 PM	N	N	N	N	Y	NA	JH
3/16	9:00 AM	N	N	N	N	Y	NA	JH
	1:00 PM	N	N	N	N	Y	NA	JH
3/17	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC
3/17	9:00 AM	N	N	N	N	Y	NA	RC
	1:00 PM	N	N	N	N	Y	NA	RC
3/18	7:45 AM	N	N	N	N	Y	NA	RC
	7:15 PM	N	N	N	N	Y	NA	RC

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column (see samples above).

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Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
3/18	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/19	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/19	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/20	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/20	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/21	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/21	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
3/22	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/22	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/23	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/23	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/24	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/24	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/25	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
3/25	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
3/26	7:45 AM	N	N	N	N	Y	NA	RE
	7:15 PM	N	N	N	N	Y	NA	RE
3/26	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
3/27	7:45 AM	N	N	N	N	Y	NA	RE
	7:15 PM	N	N	N	N	Y	NA	RE
3/27	9:00 AM	N	N	N	N	Y	NA	RE
	1:30 PM	N	N	N	N	Y	NA	RE
3/28	7:45 AM	N	N	N	N	Y	NA	RE
	7:15 PM	N	N	N	N	Y	NA	RE
3/28	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E. bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
3/29	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/29	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/30	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/30	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
3/31	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:15 PM	N	N	N	N	Y	NA	[illegible]
3/31	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
X	AM							
	PM							

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

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DATE: 2/25/2001

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MID087738431

Severstal
International

March 15, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: February 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The February monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. This report contains the February operators' inspection logs. No wildlife was potentially exposed in the month of February.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9375
E: Jim.Earl@severstalna.com
www.severstalna.com

Severstal
International

CONTINUING EMERGENCY MEASURES

MONTHLY PROGRESS REPORT
FOR
February 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN

DEARBORN, MICHIGAN

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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2.0 Activities for the Period	1
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4.0 Evaluation	1,2
5.0 Oil Removal and Disposal	2
Inspection Summary and Report Sheets	Appendix A
Oil Hauling Manifests	Appendix B

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period February 1 through February 28, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons. The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place over the north end of the Primary Lagoon and across the East and West Sludge Ponds. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the west property boundary fence, the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

The summary of daily inspection findings is provided in Appendix A. Copies of the inspection reports are also provided in Appendix A.

In the month of February, there was one missing late afternoon inspection entry on the 12th. The operator did do the inspection, but forgot to record in the inspection log. However, operator reported that no bird was observed during inspection. No repetitive use of the treatment ponds and lagoons was observed in the February inspections. Daily Inspections show low activities observed throughout the area.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in February. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed regularly by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by the installed skimmer and by vacuum truck if not in reach of the skimmer. Use of these specific locations by wildlife has not been observed by the operators or during the expert surveys.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place and propane cannons operated properly in February 2013. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence?* In February, there were observations of Canadian Goose overflight or around the Bermed area. As reported, the birds flew away on its own or after horn blasts, so persistent hazing with the air horn was necessary. Activities within SRWWTP fence are summarized in Appendix A.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

6550 gallons of oil-water mixture were hauled off-site in the month of February 2013. Copies of the manifests for the loads are in Appendix B.

APPENDIX A

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD February 1 to February 28, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG*

Inspections	Bird Observations	Overflights	Interest Shown	Location	Number of Horn Blasts	Result
111	1	1	No	Near Diked Lagoon	0	Flew away.

*During dawn to dusk inspections

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Bank Cover Oiled	Cannon Operating	Wildlife Observed	Exposed Wildlife Observed
None	28 days	28 days	None	None

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil Not Captured (by Skimmers)						
Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Oil Contained	Comments	
No	No	No	No	Yes	Oil not captured by skimmers is removed on a daily basis.	

FEB.13

SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
02/01	7:00 AM	N	N	N	N	0	N	JT
2/1	9:00 AM	N	N	N	N	0	N	A.H.
2/1	1:00 P.M	N	N	N	N	0	N	A.H.
2/1	6:00 P.M	N	N	N	N	0	N	A.H.
02/02	6:45 AM	N	N	N	N	0	N	JT
02/02	9:00 AM	N	N	N	N	0	N	C.L.
02/02	1:00 P.M	N	N	N	N	0	N	C.L.
02/02	6:00 P.M	N	N	N	N	0	N	C.L.
02/03	7:00 AM	N	N	N	N	0	N	JT
02/03	9:00 AM	N	N	N	N	0	N	C.L.
02/03	1:00 P.M	N	N	N	N	0	N	C.L.
02/03	6:00 PM	N	N	N	N	0	N	C.L.
02/4	7:00 AM	N	N	N	N	0	N	RC
02/04	9:00 AM	N	N	N	N	0	N	C.L.
02/04	1:00 PM	N	N	N	N	0	N	C.L.
02/04	6:00 PM	N	N	N	N	0	N	C.L.
2/5	7:00 AM	N	N	N	N	0	N	RC
2/5	9:00 AM	N	N	N	N	0	N	A.H.

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

2013

SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
2/5	1:00 P.M.	N	N	N	N	0	N	A.H.
2/5	6:00 P.M.	N	N	N	N	0	N	A.H.
2/6	7:00 AM	N	N	N	N	0	N	[illegible]
2/6	9:00 AM	N	N	N	N	0	N	A.H.
2/6	1:00 PM	N	N	N	N	0	N	A.H.
2/6	6:00 PM	N	N	N	N	0	N	A.H.
2/7	7:00 AM	N	N	N	N	0	N	[illegible]
2/7	9:00 A.M.	N	N	N	N	0	N	A.H.
2/7	1:00 P.M.	N	N	N	N	0	N	A.H.
2/7	6:00 P.M.	N	N	N	N	0	N	A.H.
2/8	7:00 AM	N	N	N	N	0	N	[illegible]
2/8	9:00 A.M.	N	N	N	N	0	N	A.H.
2/8	1:00 P.M.	N	N	N	N	0	N	A.H.
2/8	6:00 P.M.	N	N	N	N	0	N	A.H.
2/9	7:00 PM	N	N	N	N	0	N	[illegible]
2/09	9:00 AM	N	N	N	N	0	N	C.L.
2/09	1:00 P.M	N	N	N	N	0	N	C.L.
2/09	6:00 PM	N	N	N	N	0	N	C.L.

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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DATE: 2/24/2001

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activity log

2013

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
02/10	7:00 AM	N	N	N	N	0	N	[illegible]
02/10	9:00 AM	N	N	N	N	0	N	C.L.
02/10	1:00 PM	N	N	N	N	0	N	C.L.
02/10	6:00 PM	N	N	N	N	0	N	C.L.
2/11	6:30 AM	N	N	N	N	0	N	[illegible]
2/11	9:00 AM	N	N	N	N	0	N	A.H.
2/11	1:00 PM	N	N	N	N	0	N	A.H.
2/11	6:00 P.M.	N	N	N	N	0	N	A.H.
2/12	6:30 AM	N	N	N	N	0	N	[illegible]
2/12	9:00 A.M.	N	N	N	N	0	N	A.H.
2/12	1:00 PM	N	N	N	N	0	N	A.H.
2/13	7:45 AM	N	N	N	N	0	N	[illegible]
2/13	9:00 AM	N	N	N	N	0	N	[illegible]
2/13	1:00 PM	N	N	N	N	0	N	[illegible]
2/13	6:30 PM	N	N	N	N	0	N	[illegible]
2/14	7:45 AM	N	N	N	N	0	N	[illegible]
2/14	9:00 AM	N	N	N	N	0	N	[illegible]
2/14	1:00 PM	N	N	N	N	0	N	[illegible]

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
2/14	6:30 PM	N	N	N	N	0	N	[illegible]
2/15	7:45 AM	N	N	N	N	0	N	[illegible]
2/15	9:00 AM	N	N	N	N	0	N	[illegible]
2/15	1:00 PM	N	N	N	N	0	N	[illegible]
2/15	6:30 PM	N	N	N	N	0	N	[illegible]
2/16	7:45 AM	N	N	N	N	0	N	[illegible]
2/16	9:00 AM	N	N	N	N	0	N	[illegible]
2/16	1:00 PM	N	N	N	N	0	N	[illegible]
2/16	6:30 PM	N	N	N	N	0	N	[illegible]
2/17	7:45 AM	N	N	N	N	0	N	[illegible]
2/17	9:00 AM	N	N	N	N	0	N	[illegible]
2/17	1:00 PM	N	N	N	N	0	N	[illegible]
2/17	6:45 PM	N	N	N	N	0	N	[illegible]
2/18	7:45 AM	N	N	N	N	0	N	[illegible]
2/18	9:00 AM	N	N	N	N	0	N	[illegible]
2/18	1:00 PM	N	N	N	N	0	N	[illegible]
2/18	6:45 PM	N	N	N	N	0	N	[illegible]
X								

Location Code: **B** = near Berned area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

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Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
2/19	7:45 AM	N	N	N	N	0	N	JT
2/19	9:00 AM	N	N	N	N	0	N	JT
2/19	1:00 PM	N	N	N	N	0	N	JT
2/19	6:30 PM	N	N	N	N	0	N	JT
2/20	7:45 AM	N	N	N	N	0	N	JT
2/20	9:00 AM	N	N	N	N	0	N	JT
2/20	1:00 PM	N	N	N	N	0	N	JT
2/20	6:45 PM	N	N	N	N	0	N	JT
2/21	7:45 AM	N	N	N	N	0	N	RC
2/21	9:00 AM	N	N	N	N	0	N	RC
2/21	1:00 PM	N	N	N	N	0	N	RC
2/21	6:30 PM	N	N	N	N	0	N	RC
2/22	7:45 AM	N	N	N	N	0	N	RC
2/22	9:00 AM	N	N	N	N	0	N	RC
2/22	1:00 PM	N	N	N	N	0	N	RC
2/22	6:30 PM	N	N	N	N	0	N	RC
2/23	7:45 AM	N	N	N	N	0	N	RC
2/23	9:00 AM	N	N	N	N	0	N	RC

Location Code: **B** = near Bermed area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
2/23	1:00 PM	N	N	N	N	0	N	[illegible]
2/23	6:30 PM	N	N	N	N	0	N	[illegible]
2/24	7:45 AM	N	N	N	N	0	N	[illegible]
2/24	9:00 AM	N	N	N	N	0	N	[illegible]
2/24	1:00 PM	N	N	N	N	0	N	[illegible]
2/24	6:30 PM	N	N	N	N	0	N	[illegible]
2/25	7:45 AM	N	N	N	N	0	N	[illegible]
2/25	9:00 AM	N	N	N	N	0	N	[illegible]
2/25	1:00 PM	N	N	N	N	0	N	[illegible]
2/25	6:45 PM	N	N	N	N	0	N	[illegible]
2/26	7:45 AM	N	N	N	N	0	N	[illegible]
2/26	9:00 AM	N	N	N	N	0	N	[illegible]
2/26	1:00 PM	N	N	N	N	0	N	[illegible]
2/26	6:45 PM	N	N	N	N	0	N	[illegible]
2/27	7:45 AM	N	N	N	N	0	N	[illegible]
2/27	9:00 AM	N	N	N	N	0	N	[illegible]
2/27	1:00 PM	2 CANADIAN	Y	N	S	0	FLEW AWAY!	[illegible]
2/27	7:00 PM	N	N	N	N	0	N	[illegible]

Location Code: **B** = near Bermed area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
2/28	7:45 AM	N	N	N	N	0	N	[illegible]
2/28	9:00 AM	N	N	N	N	0	N	[illegible]
2/28	1:00 PM	N	N	N	N	0	N	[illegible]
2/28	6:45 PM	N	N	N	N	0	N	[illegible]

Location Code: **B** = near Bermed area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

FORM SRWWTP 1.03
DATE: 2/24/2001

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activity log

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
FEB '13		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
02/01	7:00 AM	N	N	Y	Y	N	N	N	[illegible]
	6:00 PM	N	N	~~N~~ Y	~~N~~ Y	N	N	N	A.H.
2/1	9:00 AM	N	N	Y	Y	N	N	N	A.H.
	1:00 PM	N	N	Y	Y	N	N	N	A.H.
02/02	6:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:00 PM	N	N	Y	Y	N	N	N	C.L.
02/02	9:00 AM	N	N	Y	Y	N	N	N	C.L.
	1:00 PM	N	N	Y	Y	N	N	N	C.L.
02/03	7:00 AM	N	N	Y	Y	N	N	N	[illegible]
	6:00 PM	N	N	Y	Y	N	N	N	C.L.
02/03	9:00 AM	N	N	Y	Y	N	N	N	C.L.
	1:00 PM	N	N	Y	Y	N	N	N	C.L.
2/4	7:00 AM	N	N	Y	Y	N	N	N	[illegible]
	6:00 PM	N	N	Y	Y	N	N	N	C.L.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

[3] If live exposed animals are observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required. If dead exposed animals are observed, leave undisturbed, and immediately notify Environmental Engineering.

FORM SRWWTP 1.02
DATE: 2/26/2001

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
02/04	9:00 AM	N	N	Y	Y	N	N	N	C.L.
	1:00 PM	N	N	Y	Y	N	N	N	C.L.
2/5	7:00 AM	N	N	Y	Y	N	N	N	[illegible]
	6:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/5	9:00 AM	N	N	Y	Y	N	N	N	A.H.
	1:00 PM	N	N	Y	Y	N	N	N	A.H.
2/6	7:00 AM	N	N	Y	Y	N	N	N	A.H.
	6:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/6	9:00 AM	N	N	Y	Y	N	N	N	A.H.
	1:00 PM	N	N	Y	Y	N	N	N	A.H.
2/7	7:00 AM	N	N	Y	Y	N	N	N	A.H.
	6:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/7	9:00 AM	N	N	Y	Y	N	N	N	A.H.
	1:00 PM	N	N	Y	Y	N	N	N	A.H.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

2013

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
2/8	7:00 AM	N	N	Y	Y	N	N	N	[illegible]
	6:00 PM	N	N	Y	Y	N	N	N	A.H.
2/8	9:00 AM	N	N	Y	Y	N	N	N	A.H.
	1:00 PM	N	N	Y	Y	N	N	N	A.H.
2/9	7:00 AM	N	N	Y	Y	N	N	N	[illegible]
	6:00 PM	N	N	Y	Y	N	N	N	C.L.
2/9 ~~09~~ ~~10~~	9:00 AM	N	N	Y	Y	N	N	N	C.L.
	1:00 PM	N	N	Y	Y	N	N	N	C.L.
02/~~09~~ 10	7:00 AM	N	N	Y	Y	N	N	N	[illegible]
	6:00 PM	N	N	Y	Y	N	N	N	C.L.
02/~~09~~ 10	9:00 AM	N	N	Y	Y	N	N	N	C.L.
	1:00 PM	N	N	Y	Y	N	N	N	C.L.
2/11	6:30 AM	N	N	Y	Y	N	N	N	[illegible]
	6:00 PM	N	N	Y	Y	N	N	N	A.H.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
2/11	9:00 AM	N	N	Y	Y	N	N	N	A.H.
	1:00 PM	N	N	Y	Y	N	N	N	A.H.
2/12	6:30 AM	N	N	Y	Y	N	N	N	A.H.
	6:30 PM	N	N	Y	Y	N	N	N	A.H.
2/12	9:00 AM	N	N	Y	Y	N	N	N	A.H.
	1:00 PM	N	N	Y	Y	N	N	N	A.H.
2/13	7:45 AM	N	N	Y	Y	N	N	N	A.H.
	6:30 PM	N	N	Y	Y	N	N	N	[illegible]
2/13	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/14	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:30 PM	N	N	Y	Y	N	N	N	[illegible]
2/14	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
2/15	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:30 PM	N	N	Y	Y	N	N	N	[illegible]
2/15	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/16	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:30 PM	N	N	Y	Y	N	N	N	[illegible]
2/16	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/17	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:45 PM	N	N	Y	Y	N	N	N	[illegible]
2/17	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/18	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:45 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
2/18	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/19	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:30 PM	N	N	Y	Y	N	N	N	[illegible]
2/19	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/20	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:45 PM	N	N	Y	Y	N	N	N	[illegible]
2/20	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/21	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:30 PM	N	N	Y	Y	N	N	N	[illegible]
2/21	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
2/22	7:45 AM	N	N	Y	Y	N	N	N	RC
	6:30 PM	N	N	Y	Y	N	N	N	RC
2/22	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
2/23	7:45 AM	N	N	Y	Y	N	N	N	RC
	6:30 PM	N	N	Y	Y	N	N	N	RC
2/23	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
2/24	7:45 AM	N	N	Y	Y	N	N	N	RC
	6:30 PM	N	N	Y	Y	N	N	N	RC
2/24	9:00 AM	N	N	Y	Y	N	N	N	RC
	1:00 PM	N	N	Y	Y	N	N	N	RC
2/25	7:45 AM	N	N	Y	Y	N	N	N	RC
	6:45 PM	N	N	Y	Y	N	N	N	RC

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
2/25	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/26	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	9:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/26	1:00 AM	N	N	Y	Y	N	N	N	[illegible]
	6:45 PM	N	N	Y	Y	N	N	N	[illegible]
2/27	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	7:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/27	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]
2/28	7:45 AM	N	N	Y	Y	N	N	N	[illegible]
	6:45 PM	N	N	Y	Y	N	N	N	[illegible]
2/28	9:00 AM	N	N	Y	Y	N	N	N	[illegible]
	1:00 PM	N	N	Y	Y	N	N	N	[illegible]

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

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FEB 13

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
02/01	7:00 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	N/A	A.R.
2/1	9:00 AM	N	N	N	N	Y	N/A	A.R.
	1:00 PM	N	N	N	N	Y	N/A	A.R.
02/02	6:45 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	NA	C.L.
02/02	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
02/03	7:00 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	NA	C.L.
02/03	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
2/4	7:00 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	NA	C.L.

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers?[1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
12/04	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
2/5	7:00 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	N/A	A.H.
2/5	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
2/6	7:00 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	N/A	A.H.
2/6	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
2/7	7:00 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	N/A	A.H.
2/7	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column (see samples above).

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

2013

Inspection		Any recoverable oil not captured by skimmers?[1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
2/8	7:00 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	N/A	A.H.
2/8	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
2/9	7:00 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	NA	C.L.
2/09	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
02/09 10	7:00 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	NA	C.L.
02/09 10	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
2/11	6:30 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	N/A	A.Ho

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
2/11	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	AH
2/12	6:30 AM	N	N	N	N	Y	NA	[illegible]
	6:30 PM	N	N	N	N	Y	N/A	A.H.
2/12	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	AH
2/13	7:45 AM	N	N	N	N	Y	NA	[illegible]
	6:30 PM	N	N	N	N	Y	NA	[illegible]
2/13	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
2/14	7:45 AM	N	N	N	N	Y	NA	[illegible]
	6:30 PM	N	N	N	N	Y	NA	[illegible]
2/14	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
2/15	7:45 AM	N	N	N	N	Y	NA	RE
	6:30 PM	N	N	N	N	Y	NA	RE
2/15	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
2/16	7:45 AM	N	N	N	N	Y	NA	RE
	6:30 PM	N	N	N	N	Y	NA	RE
2/16	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
2/17	7:45 AM	N	N	N	N	Y	NA	RT
	6:45 PM	N	N	N	N	Y	NA	RT
2/17	9:00 AM	N	N	N	N	Y	NA	RT
	1:00 PM	N	N	N	N	Y	NA	RT
2/18	7:45 AM	N	N	N	N	Y	NA	RT
	6:45 PM	N	N	N	N	Y	NA	RT

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
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q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
2/18	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
2/19	7:45 AM	N	N	N	N	Y	NA	[illegible]
	6:30 PM	N	N	N	N	Y	NA	[illegible]
2/19	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
2/20	7:45 AM	N	N	N	N	Y	NA	[illegible]
	6:45 PM	N	N	N	N	Y	NA	[illegible]
2/20	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
2/21	7:45 AM	N	N	N	N	Y	NA	[illegible]
	6:30 PM	N	N	N	N	Y	NA	[illegible]
2/21	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
2/22	7:45 AM	N	N	N	N	Y	NA	RE
	6:30 PM	N	N	N	N	Y	NA	RE
2/22	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
2/23	7:45 AM	N	N	N	N	Y	NA	RE
	6:30 PM	N	N	N	N	Y	NA	RE
2/23	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
2/24	7:45 AM	N	N	N	N	Y	NA	RE
	6:30 PM	N	N	N	N	Y	NA	RE
2/24	9:00 AM	N	N	N	N	Y	NA	RE
	1:00 PM	N	N	N	N	Y	NA	RE
2/25	7:45 AM	N	N	N	N	Y	NA	RE
	6:45 PM	N	N	N	N	Y	NA	RE

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
2/25	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
2/26	7:45 AM	N	N	N	N	Y	NA	[illegible]
	9:00 PM	N	N	N	N	Y	NA	[illegible]
2/26	1:00 AM	N	N	N	N	Y	NA	[illegible]
	6:45 PM	N	N	N	N	Y	NA	[illegible]
2/27	7:45 AM	N	N	N	N	Y	NA	[illegible]
	7:00 PM	N	N	N	N	Y	NA	[illegible]
2/27	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]
2/28	7:45 AM	N	N	N	N	Y	NA	[illegible]
	6:45 PM	N	N	N	N	Y	NA	[illegible]
2/28	9:00 AM	N	N	N	N	Y	NA	[illegible]
	1:00 PM	N	N	N	N	Y	NA	[illegible]

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

APPENDIX B

Oil Hauling Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MID087736431
2. Page 1 of 1
3. Emergency Response Phone: 734-585-0900
4. Manifest Tracking Number: 001382747 GBF

GENERATOR

5. Generator's Name and Mailing Address
Severstal North America
3001 Miller Road
Dearborn, MI 48121 USA
Generator's Phone: 313-594-7375
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THES HOPSIE ENVIRONMENTAL SVS LLC
U.S. EPA ID Number: MIR000036463

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ENVIROSOLIDS, LLC
6011 WYOMING AVENUE
DEARBORN, MI 48126 USA
Facility's Phone: 313-582-8032
U.S. EPA ID Number: MID064191471

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WWT-Used Oil from Water Treatment	001	TT	3200	G	021L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
9b - 1) Approval #7351

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Trinh
Signature: Lan Trinh
Month Day Year: 2 21 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Tackett
Signature: Perry F. Tackett
Month Day Year: 2 21 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H135 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: SUSAN GARCIA
Signature: Susan Garcia
Month Day Year: 2 21 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MID087738431
2. Page 1 of: 1
3. Emergency Response Phone: 734-585-0900
4. Manifest Tracking Number: 001382748 GBF

GENERATOR

5. Generator's Name and Mailing Address
Severstal North America
3001 Miller Road
Dearborn, MI 48121 USA
Generator's Phone: 313-594-7375
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: THES HOPSIE ENVIRONMENTAL SVS LLC
U.S. EPA ID Number: MIR000036463

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIROSOLIDS, LLC
6011 WYOMING AVENUE
DEARBORN, MI 48126 USA
U.S. EPA ID Number: MID054191471
Facility's Phone: 313-582-8032

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WWT-Used Oil from Water Treatment	001	TT	3350	G	021L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
9b - 1) Approval #7351

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lan Trinh
Signature: Lan Trinh
Month Day Year: 12 21 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Perry F. Tackett
Signature: Perry F. Tackett
Month Day Year: 12 21 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H135 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: SUSAN GARCIA
Signature: Susan Garcia
Month Day Year: 12 21 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Severstal
International

MID 087738431

February 15, 2013

Via Certified Mail – Return Receipt Requested

Diane M. Sharrow (LR-8J)
Enforcement Officer
RCRA Branch
Land and Chemicals Division
U.S. EPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Subject: January 2013 Monthly Progress Report at Schaefer Road Waste Water Treatment Plant ('SRWWTP')

Reference: Severstal Dearborn, Administrative Order Docket No R7003-5-00-001

Dear Ms. Sharrow:

The January monthly report as specified in our Continuing Emergency Measures Workplan is enclosed. This report contains the January operators' inspection logs. No wildlife was potentially exposed in the month of January.

Please contact me at (313) 845-3217 or Lan Trinh at 313-323-1260, if you have questions on the information in this report.

Very truly yours,

James E. Earl, Manager
Environmental Engineering

Enclosures
cc: Mr. John Craig, MDEQ
US Fish & Wildlife, Ann Arbor Office

Severstal Dearborn, LLC
14661 Rotunda Drive
P. O. Box 1699
Dearborn, MI 48120-1699

T: (313) 845-3217
F: (313) 337-9375
E: Jim.Earl@severstalna.com
www.severstalna.com

Severstal
International

CONTINUING EMERGENCY MEASURES

MONTHLY PROGRESS REPORT
FOR
January 2013

SCHAEFER ROAD WASTE WATER TREATMENT PLANT

SEVERSTAL DEARBORN

DEARBORN, MICHIGAN

Prepared By: Lan Trinh

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

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2.0 Activities for the Period	1
3.0 Inspection Findings	1
4.0 Evaluation	1,2
5.0 Oil Removal and Disposal	2
Inspection Summary and Report Sheets	Appendix A

CONTINUING EMERGENCY MEASURES
MONTHLY PROGRESS REPORT
SCHAEFER ROAD WASTEWATER TREATMENT PLANT

1.0 Introduction

This report has been prepared to fulfill the requirements of Section 8.0 of the Severstal Dearborn Continuing Emergency Measures (CEM) Workplan for the Schaefer Road Waste Water Treatment Plant, Dearborn Michigan, revised October 19, 2001.

2.0 Activities for the Period

This report covers the period January 1 through January 31, 2013. Activities for the period included continuation of ongoing efforts in oil removal with the existing skimmers, removal of any observed floating oil not collected by the skimmers, regular wildlife and equipment inspections, and operation and maintenance of the propane cannons.

The fencing around the perimeter of the Primary Lagoon and on the ramps at the Secondary Lagoon remained in good condition. Netting was in-place over the north end of the Primary Lagoon and across the East and West Sludge Ponds. Geotextile at the water's edge of the Primary Lagoon was also in-place to prevent contact with stained slag. Mylar ribbons were in place on the west property boundary fence, the fence surrounding the Primary Lagoon, and along the west side of the Secondary Lagoon in order to reduce attraction to migratory birds.

3.0 Inspection Findings

The summary of daily inspection findings is provided in Appendix A. Copies of the inspection reports are also provided in Appendix A. In the month of January, the propane cannons couldn't fire for the most of the month due to cold weather. However, daily inspections show very low activities observed throughout the area, we believed that the non-working cannons didn't affect the operation of the wildlife deterrent systems. Also, no repetitive use of the treatment ponds and lagoons was observed in the January inspections.

4.0 Evaluation

4.1 Exposure

No wildlife was observed to be exposed in January. No repetitive use of the treatment ponds has been observed during the most active periods (dawn and dusk), indicating that the measures taken pursuant to the CEM workplan have been effective for deterring acute exposures. It also indicates that activity leading to chronic exposure is not occurring.

4.2 Other Criteria

1. *Is all recoverable oil captured within containment areas at the end of each workday?* Yes, all recoverable oil at the Primary and Secondary Lagoons and Sludge Ponds is captured within containment areas at the end of each workday. At all locations, oil not captured by skimmers is removed regularly by vacuum truck.

2. *Are all areas of floating oil (greater than a sheen) covered, when not subject to response activities, to prevent wildlife direct contact?* No, there are occasionally a few locations where small patches on the Secondary Lagoon are not recovered. These areas are generally difficult to access and are removed by vacuum truck when they occur. Oil on the active sludge lagoon is removed by the installed skimmer and by vacuum truck if not in reach of the skimmer. Use of these specific locations by wildlife has not been observed by the operators or during the expert surveys.

3. *Is all soil with visible oil contamination covered to prevent wildlife direct contact?* Yes, soiled slag at the water's edge of the Primary Lagoon has been covered. The geotextile at the water's edge of the Primary Lagoon was in-place. The netting installed over the north end of the Primary Lagoon and over both Sludge Ponds covers stained soil at the edges of both ponds.

4. *Are all wildlife deterrent systems in good repair and/or operating as specified in the CEM Workplan?* The balloons, air dancers, and Mylar ribbons are frequently inspected and replaced as needed. Deterrent fences were in place. However, the propane cannons couldn't fire for the most of the month due to cold weather. The operators have been through a training session on operation of the wildlife deterrent systems, the CEM Workplan, and bird recognition and deterrence.

5. *Have inspectors and wildlife technicians observed waterfowl on the ponds or lagoons or within the SRWWTP fence?* In January, there was no observation of significant wildlife activities within the SRWWTP fence. Activities within SRWWTP fence are summarized in Appendix A.

6. *Are required and specified materials and equipment on hand and in usable condition or properly deployed?* As noted above, specific deterrent systems continue to be implemented. At this point, this criterion is applicable to the inspections, cannons, balloons, ribbons, air horns, booms, fencing, netting, geotextile, and oil skimming. Materials for these systems are generally on hand and usable.

5.0 Oil Removal and Disposal

No oil-water mixture was hauled off-site in the month of January 2013.

APPENDIX A

Inspection Summary and Report Sheets

INSPECTION SUMMARIES FOR THE PERIOD January 1 to January 31, 2013

SUMMARY OF WILDLIFE ACTIVITY LOG*

Inspections	Bird Observations	Overflights	Interest Shown	Location	Number of Horn Blasts	Result
124	0	0	No	N/A	0	N/A

*During dawn and dusk inspections

SUMMARY OF DAILY WILDLIFE DETERRENCE INSPECTION LOG

Fence Breach	Bank Cover Oiled	Cannon Operating	Wildlife Observed	Exposed Wildlife Observed
None	31 days	3	None	None

SUMMARY OF DAILY OIL MANAGEMENT LOG

Report of Recoverable Oil Not Captured (by Skimmers)						
Primary Lagoon	Secondary Lagoon	Sludge Ponds	Diked Lagoon	Oil Contained	Comments	
No	No	No	No	Yes	Oil not captured by skimmers is removed removed regularly by vacuum truck.	

*During dawn and dusk inspections

SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
01/01	7:00 AM	N	N	N	N	0	N	[illegible]
01/01	9:00 AM	N	N	N	N	0	N	C.L.
01/01	1:00 P.M	N	N	N	N	0	N	C.L.
01/01	5:30 P.M	N	N	N	N	0	N	C.L.
01/02	7:00 AM	N	N	N	N	0	N	[illegible]
01/02	9:00 AM	N	N	N	N	0	N	C.L.
01/02	1:00 P.M	N	N	N	N	0	N	C.L.
01/02	5:30 P.M	N	N	N	N	0	N	C.L.
01/03	7:00 AM	N	N	N	N	0	N	[illegible]
01/03	9:00 AM	N	N	N	N	0	N	C.L.
01/03	1:00 P.M	N	N	N	N	0	N	C.L.
01/03	5:30 P.M	N	N	N	N	0	N	C.L.
1/4	7:00 AM	N	N	N	N	0	N	[illegible]
1/4	9:00 A.M.	N	N	N	N	0	N	A.H.
1/4	1:00 P.M.	N	N	N	N	0	N	A.H.
1/4	5:30 P.M.	N	N	N	N	0	N	A.H.
1/5	7:00 AM	N	N	N	N	0	N	[illegible]
1/5	9:00 AM	N	N	N	N	0	N	A.H.

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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activity log

SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
1/5	1:09 P.M	N	N	N	N	0	N	A.H.
1/5	5:30 P.M.	N	N	N	N	0	N	A.H.
1/6	9:00 AM	N	N	N	N	0	N	[illegible]
1/6	9:00 A.M.	N	N	N	N	0	N	A.H.
1/6	1:00 P.M.	N	N	N	N	0	N	A.H.
1/6	5:30 P.M.	N	N	N	N	0	N	A.H.
01/07	7:00 AM	N	N	N	N	0	N	[illegible]
1/7	9:00 A.M.	N	N	N	N	0	N	A.H.
1/7	1:00 P.M.	N	N	N	N	0	N	A.H.
1/7	5:30 P.M.	N	N	N	N	0	N	A.H.
01/08	7:00 AM	N	N	N	N	0	N	[illegible]
01/08	9:00 AM	N	N	N	N	0	N	C.L.
01/08	1:00 P.M	N	N	N	N	0	N	C.L.
01/08	5:30 P.M	N	N	N	N	0	N	C.L.
01/09	7:00 AM	N	N	N	N	0	N	[illegible]
01/09	9:00 AM	N	N	N	N	0	N	C.L.
01/09	1:00 P.M	N	N	N	N	0	N	C.L.
01/09	5:30 P.M	N	N	N	N	0	N	C.L.

Location Code: **B** = near Bermed area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

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Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
01/10	7:00 AM	N	N	N	N	0	N	JT
01/10	9:00 AM	N	N	N	N	0	N	C.L.
01/10	1:00 PM	N	N	N	N	0	N	C.L.
01/10	5:30 PM	N	N	N	N	0	N	C.L.
01/11	7:00 AM	N	N	N	N	0	N	JT
01/11	9:00 AM	N	N	N	N	0	N	C.L.
01/11	1:00 PM	N	N	N	N	0	N	C.L.
01/11	5:30 PM	N	N	N	N	0	N	C.L.
01/12	7:00 AM	N	N	N	N	0	N	JT
1/12	9:00 AM	N	N	N	N	0	N	A.H.
1/12	1:00 PM	N	N	N	N	0	N	A.H.
1/12	5:30 PM	N	N	N	N	0	N	A.H.
01/13	7:00 AM	N	N	N	N	0	N	JT
1/13	9:00 AM	N	N	N	N	0	N	A.H.
1/13	1:00 PM	N	N	N	N	0	N	A.H.
1/13	5:30 PM	N	N	N	N	0	N	A.H.
1/14	7:00 AM	N	N	N	N	0	N	[illegible]
1/14	9:00 AM	N	N	N	N	0	N	A.H.

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
1/14	1:00 P.M.	N	N	N	N	0	N	A.H.
1/14	5:30 P.M.	N	N	N	N	0	N	A.H.
1/15	7:00 AM	N	N	N	N	0	N	[illegible]
1/15	9:00 AM.	N	N	N	N	0	N	A.H.
1/15	1:00 P.M.	N	N	N	N	0	N	A.H.
1/15	5:30 P.M.	N	N	N	N	0	N	A.H.
01/16	7:00 AM	N	N	N	N	0	N	[illegible]
01/16	9:00 AM	N	N	N	N	0	N	C.L.
01/16	1:00 PM	N	N	N	N	0	N	C.L.
01/16	5:30 PM	N	N	N	N	0	N	C.L.
01/17	7:00 AM	N	N	N	N	0	N	[illegible]
01/17	9:00 AM	N	N	N	N	0	N	C.L.
01/17	1:00 PM.	N	N	N	N	0	N	C.L.
01/17	5:30 PM	N	N	N	N	0	N	C.L.
01/18	7:00 AM	N	N	N	N	0	N	[illegible]
01/18	9:00 AM	N	N	N	N	0	N	C.L.
01/18	1:00 PM	N	N	N	N	0	N	C.L.
01/18	5:30 PM	N	N	N	N	0	N	C.L.

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
01/19	7:00 AM	N	N	N	N	0	N	JT
01/19	9:00 AM	N	N	N	N	0	N	C.L.
01/19	1:00 PM	N	N	N	N	0	N	C.L.
01/19	5:30 PM	N	N	N	N	0	N	C.L.
1/20	7:00 AM	N	N	N	N	0	N	RC
1/20	9:00 A.M.	N	N	N	N	0	N	A.H.
1/20	1:00 P.M.	N	N	N	N	0	N	A.H.
1/20	5:30 P.M	N	N	N	N	0	N	A.H.
1/21	7:00 AM	N	N	N	N	0	N	RC
1/21	9:00 A.M.	N	N	N	N	0	N	A.H.
1/21	1:00 P.M.	Geese	Y	N	SL	0	N	A.H.
1/21	5:30 P.M.	Geese	Y	N	SL	0	N	A.H.
1/22	7:00 AM	N	N	N	N	0	N	RC
1/22	9:00 A.M.	N	N	N	N	0	N	A.H.
1/22	1:00 P.M.	N	N	N	N	0	N	A.H.
1/22	5:30 P.M.	N	N	N	N	0	N	A.H.
1/23	7:00 AM	N	N	N	N	0	N	RC
1/23	9:00 A.M.	N	N	N	N	0	N	A.H.

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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SRWWTP - Wildlife Activity Log

Date 2013	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
1/23	1:00 P.M.	N	N	N	N	0	N	A.H.
1/23	5:30 P.M.	N	N	N	N	0	N	A.H.
01/24	7:00 AM	N	N	N	N	0	N	[illegible]
01/24	9:00 AM	N	N	N	N	0	N	C.L
01/24	1:00 P.M	N	N	N	N	0	N	C.L.
01/24	5:30 P.M	N	N	N	N	0	N	C.L.
01/25	7:00 AM	N	N	N	N	0	N	[illegible]
01/25	9:00 AM	N	N	N	N	0	N	C.L.
01/25	1:00 P.M	N	N	N	N	0	N	C.L.
01/25	5:30 P.M	N	N	N	N	0	N	C.L.
01/26	7:00 AM	N	N	N	N	0	N	[illegible]
01/26	9:00 AM	N	N	N	N	0	N	C.L.
01/26	1:00 PM	N	N	N	N	0	N	C.L.
01/26	5:30 PM	N	N	N	N	0	N	C.L.
01/27	7:00 AM	N	N	N	N	0	N	[illegible]
01/27	9:00 AM	Gull	Y	N	P	0	N	C.L.
01/27	1:00 P.M	N	N	N	N	0	N	C.L.
01/27	6:00 P.M	Gull	Y	N	P	0	N	C.L

Location Code: B = near Bermed area; D = near Diked lagoon; P = near Primary lagoon; S = near Secondary lagoon; SL = near Sludge ponds.

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SRWWTP - Wildlife Activity Log

Date	Time (Dawn & Dusk)	Type of Bird(s) Observed	Overflight ? (Y/N)	Showed Interest in Pond ? (Y/N)	Location of Bird(s) (See Location Codes)	Number of Horn Blasts	Result	Inspector (Initials)
1/28	7:00 AM	N	N	N	N	0	N	RC
1/28	9:00 AM	N	N	N	N	0	N	A.H.
1/28	1:00 P.M.	N	N	N	N	0	N	A.H.
1/28	5:30 P.M.	N	N	N	N	0	N	A.H.
1/29	7:00 AM	N	N	N	N	0	N	RC
1/29	9:00 A.M.	N	N	N	N	0	N	A.H.
1/29	1:00 P.M.	N	N	N	N	0	N	A.H.
1/29	6:00 P.M.	N	N	N	N	0	N	A.H.
1/30	7:00 AM	N	N	N	N	0	N	RC
1/30	9:00 A.M.	N	N	N	N	0	N	A.H.
1/30	1:00 PM	N	N	N	N	0	N	A.H.
1/30	6:00 PM	N	N	N	N	0	N	A.H.
01/31	6:45 AM	N	N	N	N	0	N	[illegible]
1/31	9:00 A.M.	N	N	N	N	0	N	A.H.
1/31	1:00 P.M.	N	N	N	N	0	N	A.H.
1/31	6:00 P.M.	N	N	N	N	0	N	A.H.
V								
X								

Location Code: **B** = near Bermed area; **D** = near Diked lagoon; **P** = near Primary lagoon; **S** = near Secondary lagoon; **SL** = near Sludge ponds.

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
01/01	7:00 AM	N	N	N	N	Y	NA	JT
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/01	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/02	7:00 AM	N	N	N	N	Y	NA	JT
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/02	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/03	7:00 AM	N	N	N	N	Y	NA	JT
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/03	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
1/4	7:00 AM	N	N	N	N	Y	NA	RP
	5:30 PM	N	N	N	N	Y	N/A	AA

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
1/4	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
1/5	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	N/A	A.H.
1/5	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
1/6	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	N/A	A.H.
1/6	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
01/07	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	N/A	A.H.
1/7	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
01/08	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/08	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/09	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/09	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/10	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/10	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/11	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
01/11	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/12	7:00 AM	N	N	N	N	Y	NA	AH
	5:30 PM	N	N	N	N	Y	N/A	A.H.
1/12	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
01/13	7:00 AM	N	N	N	N	Y	NA	AH
	5:30 PM	N	N	N	N	Y	N/A	AH
1/13	9:00 AM	N	N	N	N	Y	N/A	A.H
	1:00 PM	N	N	N	N	Y	N/A	A.H.
1/14	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	N/A	A.H
1/14	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
1/15	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	N/A	A.H.
1/15	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
01/16	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/16	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/17	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/17	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/18	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible. AND a note in Comments column (see samples above).

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Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
01/18	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/19	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/19	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
1/20	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	N/A	A.H.
1/20	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
1/21	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	N/A	A.H.
1/21	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

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Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
1/22	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	N/A	A.H.
1/22	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
1/23	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	N/A	A.H.
1/23	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
01/24	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/24	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/25	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E. bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers?[1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date 2013	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
01/25	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/26	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	NA	C.L.
01/26	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
01/27	7:00 AM	N	N	N	N	Y	NA	[illegible]
	6:00 PM	N	N	N	N	Y	NA	C.L.
01/27	9:00 AM	N	N	N	N	Y	NA	C.L.
	1:00 PM	N	N	N	N	Y	NA	C.L.
1/28	7:00 AM	N	N	N	N	Y	NA	[illegible]
	5:30 PM	N	N	N	N	Y	N/A	A.H.
1/28	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

q:\excel\rouge\Srwwtp oil management insp. log sheet

SRWWTP DAILY OIL MANAGEMENT INSPECTION LOG SHEET

Inspection		Any recoverable oil not captured by skimmers? [1]				All Recoverable Oil Contained (Y or Location of Uncontained Oil[2])	Response Action Taken, Comments, and Explanations (or "NA" if not applicable)	Inspector (Initials)
Date	Time	Primary Lagoon (Y or N)	Secondary Lagoon (Y or N)	Sludge Ponds (Y or N)	Diked Lagoon (Y or N)			
1/29	7:00 AM	N	N	N	N	Y	NA	RC
	6:00 PM	N	N	N	N	Y	N/A	A.H.
1/29	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
1/30	7:00 AM	N	N	N	N	Y	NA	RC
	6:00 PM	N	N	N	N	Y	N/A	A.H.
1/30	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
01/31	6:45 AM	N	N	N	N	Y	NA	DT
	6:00 PM	N	N	N	N	Y	N/A	A.H.
1/31	9:00 AM	N	N	N	N	Y	N/A	A.H.
	1:00 PM	N	N	N	N	Y	N/A	A.H.
X	AM							
	PM							

[1] A Yes (Y) entry requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column. (Sample: "Called Doetsch" or "Called Barstow").

[2] A "Location" entry (e.g., NE corner, E bank, center) requires notification of Plant Supervisor or removal contractor as soon as possible, AND a note in Comments column (see samples above).

FORM SRWWTP 1.01
DATE: 2/25/2001

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
01	7:00 AM	N	N	Y	N	N	N	N	JT
01	5:30 PM	N	N	Y	N	N	N	N	C.L.
01/01	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01	7:00 AM	N	N	Y	N	N	N	N	JT
02	5:30 PM	N	N	Y	N	N	N	N	C.L.
01/02	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01	7:00 AM	N	N	Y	N	N	N	N	JT
03	5:30 PM	N	N	Y	N	N	N	N	C.L.
01/03	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
1/4	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	A.H.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

[3] If live exposed animals are observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required. If dead exposed animals are observed, leave undisturbed, and immediately notify Environmental Engineering.

FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
1/4	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.
1/5	7:00 AM	N	N	Y	N	N	N	N	RC
	5:30 PM	N	N	Y	N	N	N	N	A.H.
1/5	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.
1/6	7:00 AM	N	N	Y	N	N	N	N	RC
	5:30 PM	N	N	Y	N	N	N	N	A.H.
1/6	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.
01/07	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	A.H.
1/7	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

[3] If live exposed animals are observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required. If dead exposed animals are observed, leave undisturbed, and immediately notify Environmental Engineering.

FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
01/08	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	C.L.
01/08	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01/09	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	C.L.
01/09	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01/10	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	C.L.
01/10	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01/11	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	C.L.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

[3] If live exposed animals are observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required. If dead exposed animals are observed, leave undisturbed, and immediately notify Environmental Engineering.

FORM SRWWTP 1.02
DATE: 2/26/2001

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
01/11	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L
01/12	7:00 AM	N	N	Y	N	N	N	N	~~AH~~
	5:30 PM	N	N	Y	N	N	N	N	A.H.
1/12	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.
01/13	7:00 AM	N	N	Y	N	N	N	N	~~AH~~
	5:30 PM	N	N	Y	N	N	N	N	A.H
1/13	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H
1/14	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	A.H.
1/14	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

[3] If live exposed animals are observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required. If dead exposed animals are observed, leave undisturbed, and immediately notify Environmental Engineering.

FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
1/15	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	A.H.
1/15	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.
01/16	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	C.L.
01/16	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01/17	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	C.L.
01/17	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01/18	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	C.L.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

[3] If live exposed animals are observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required. If dead exposed animals are observed, leave undisturbed, and immediately notify Environmental Engineering.

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SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
01/18	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01/19	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	C.L.
01/19	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
1/20	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	A.H.
1/20	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.
1/21	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	A.H.
1/21	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
1/22	7:00 AM	N	N	Y	N	N	N	N	[illegible]
	5:30 PM	N	N	Y	N	N	N	N	A.H.
1/22	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.
1/23	7:00 AM	N	N	Y	N	N	N	N	A.H.
	5:30 PM	N	N	Y	N	N	N	N	[illegible]
1/23	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.
01/24	7:00 AM	N	N	Y	N	N	N	N	A.H.
	5:30 PM	N	N	Y	N	N	N	N	[illegible]
01/24	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01/25	7:00 AM	N	N	Y	N	N	N	N	C.L.
	5:30 PM	N	N	Y	N	N	N	N	[illegible]
									C.L.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2018	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
01/25	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01/26	7:00 AM	N	N	Y	N	N	N	N	C.L.
	5:30 PM	N	N	Y	N	N	N	N	[illegible]
01/26	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
01/27	7:00 AM	N	N	Y	N	N	N	N	C.L.
	6:00 PM	N	N	Y	N	N	N	N	[illegible]
01/27	9:00 AM	N	N	Y	N	N	N	N	C.L.
	1:00 PM	N	N	Y	N	N	N	N	C.L.
1/28	7:00 AM	N	N	Y	N	N	N	N	C.L.
	5:30 PM	N	N	Y	N	N	N	N	[illegible]
1/28	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.
		N	N	Y	N	N	N	N	A.H.

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

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FORM SRWWTP 1.02
DATE: 2/26/2001

SRWWTP DAILY WILDLIFE DETERRENCE INSPECTION LOG SHEET

Inspection		Status of Deterrent Systems				Wildlife Observations			
		Fence		Bank Cover	Noise Cannon				
Date 2013	Time	Breach/ Damage (Y/N)[1]	Location (if Y)	Oiled (Y/N)	Operating Properly (Y/N)[2]	Wildlife Observed (N, or Type Observed)	Exposed Wildlife Observed (N, or Type Observed and action taken[3])	Location	Inspector (Initials)
1/29	7:00 AM	N	N	Y	Y	N	N	N	RC
	6:00 PM	N	N	Y	N	N	N	N	A.H.
1/29	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	N	N	N	N	A.H.
1/30	7:00 AM	N	N	Y	Y	N	N	N	RC
	6:00 PM	N	N	Y	Y	N	N	N	A.H.
1/30	9:00 AM	N	N	Y	N	N	N	N	A.H.
	1:00 PM	N	N	Y	Y	N	N	N	A.H.
01/31	6:45 AM	N	N	Y	Y	N	N	N	A.H.
	6:00 PM	N	N	Y	Y	N	N	N	[illegible]
1/31	9:00 AM	N	N	Y	Y	N	N	N	A.H.
	1:00 PM	N	N	Y	Y	N	N	N	A.H.
X	AM								
	PM								

[1] "Yes" (Y) entry requires 1) description of location (e.g., NE corner, E bank) on log sheet, and 2) notification of Plant Supervisor as soon as possible.

[2] "No" (N) entry requires notification of Plant Supervisor as soon as possible.

[3] If live exposed animals are observed, immediate notification of Environmental Engineering and implementation of animal capture procedures are required. If dead exposed animals are observed, leave undisturbed, and immediately notify Environmental Engineering.

CANNONS REINSTALLED ON 1/29/13, ALL WORKING PROPERLY AS OF 1/30/13

FORM SRWWTP 1.02
DATE: 2/26/2001