

Appendix D

Illicit Discharge Elimination Program

1. Dry Weather Screening Investigation Maps (Saved on CD-ROM)
2. Reported Illicit Discharges (Pages D.2-1 to D.2-4)
3. Statewide Outfall Maps (Saved on CD-ROM)
4. 2007 Labeled Outfalls (Pages D.4-1 to D.4-5)
5. Reported Illicit Discharge Correspondence (Pages D.5-1 to D.5-5)

Appendix D.1 Dry Weather Screening Investigation Maps

Refer to CD-ROM

Complaint Summary

Wednesday, November 14, 2007

Complaint #	Region	Date of Observaion	PSD #	PR #	Control Section
1	Southwest	8/21/2006			
		Route	Source: Name <u>Hummel</u>		
			Address <u>8304 Maple Grove Rd</u>		
		Nature of Problem	Status <u>Resolved</u>		
		<u>Two corrugated plastic pipes entering ROW adjacent to headwall. Dark water exiting one of the pipes. Pipe clogged. Once unplugged, water clear.</u>			
2	Southwest	9/5/2006	577905	80031	
		Route	Source: Name <u>unknown</u>		
		<u>M-140</u>	Address <u>39571 M-140</u>		
		Nature of Problem	Status <u>Resolved</u>		
		<u>pipe entering ditchline opposite headwall. Slight odor. Black color.</u>			

<i>Complaint #</i>	<i>Region</i>	<i>Date of Observaion</i>	<i>PSD #</i>	<i>PR #</i>	<i>Control Section</i>
3	Southwest	11/2/2006			80031
	<i>Route</i>		<i>Source: Name</i>	<u>Consumers Concrete</u>	
	M-140		<i>Address</i>	<u>13271 M-140</u>	
	<i>Nature of Problem</i>		<i>Status</i>	<u>Resolved</u>	
	<u>concrete slurry/dust entering drainage ditch</u>				
5	Southwest	12/22/2006	21203	39121	
	<i>Route</i>		<i>Source: Name</i>		
	I 94 BL		<i>Address</i>		
	<i>Nature of Problem</i>		<i>Status</i>	<u>Resolved</u>	
	<u>maintenance crews observed oily residue during culvert cleanout</u>				
6	Southwest	8/1/2007			11021
	<i>Route</i>		<i>Source: Name</i>	<u>Tom Jelinek</u>	
	US-12		<i>Address</i>	<u>8141 West US-12</u>	
	<i>Nature of Problem</i>		<i>Status</i>	<u>Unresolved</u>	
	<u>black water with sewage smell found during ditch cleanout operation</u>				

<i>Complaint #</i>	<i>Region</i>	<i>Date of Observaion</i>	<i>PSD #</i>	<i>PR #</i>	<i>Control Section</i>
<u>7</u>	<u>Southwest</u>	<u>8/1/2007</u>			<u>11021</u>
	<i>Route</i>			<i>Source: Name</i>	
	<u>US-12</u>			<i>Address</i>	
	<i>Nature of Problem</i>			<i>Status</i>	<u>Unresolved</u>
	<u>pipe coming into ditch.</u>				
<u>8</u>	<u>Southwest</u>	<u>8/7/2007</u>			<u>11052</u>
	<i>Route</i>			<i>Source: Name</i>	<u>Country Acres</u>
					<u>Mobile Home</u>
					<u>Court</u>
	<u>Old US 31</u>			<i>Address</i>	<u>2615 Old US-31</u>
	<i>Nature of Problem</i>			<i>Status</i>	<u>Resolved</u>
	<u>Adjacent property owner on west</u>				
	<u>side of Old 31 complained to</u>				
	<u>garage staff that during sewage</u>				
	<u>overflow events sewage flows into</u>				
	<u>catch basin that leads to MDOT</u>				
	<u>ditch. Also stated that laundry room</u>				
	<u>discharges to catch basin.</u>				

<i>Complaint #</i>	<i>Region</i>	<i>Date of Observaion</i>	<i>PSD #</i>	<i>PR #</i>	<i>Control Section</i>
<u>9</u>	<u>Southwest</u>	<u>8/10/2007</u>			<u>13082</u>
	<i>Route</i>		<i>Source: Name</i>	<u>Te-Khi Travel Court</u>	
	<u>I-94</u>		<i>Address</i>	<u>15898 11 Mile Rd</u>	
	<i>Nature of Problem</i>		<i>Status</i>	<u>Resolved</u>	
	<u>Maintenance crews smelled stong diesel fuel odor on 8/10/07 when preparing to clean out ditch.</u>				

Appendix D.3 Statewide Outfall Maps

Refer to CD-ROM

Appendix D.5 2007 Labeled Outfalls

Project	Outfall Location
1. M-43, Village of Delton 08011-60507A	Station 275+30, 350 feet left of centerline, 60 inch concrete, labeled with BCDC
2. US-31, Little Traverse Township 24011-79063A	Station 43+07, 140 feet right of centerline, 12 inch concrete
	Station 45+90, 40 feet right of centerline, 18 inch concrete
3. US-23, under Lahring Road 25031-59612A	Station 51+87, 41 feet right centerline, 12 inch CSP
	Station 51+77, 32 feet left of centerline, 12 inch CSP
	Station 48+83, 28 feet right of centerline, 12 inch CSP
	Station 48+75, 28 feet left of centerline, 12 inch CSP
4. M-99, Hillsdale 30032-80682A	Station 181+00, 650 feet right of centerline, 34 inch by 53 inch RECP
5. M-25, over Mud Creek 32012-81073A	Station 1202+58, 42 feet left of centerline, 12 inch CMP
	Station 1202+73, 47 feet right of centerline, 12 inch CMP
	Station 1202+83, 45 feet left of centerline, 24 inch CMP
	Station 1203+00, 48 feet right of centerline, 24 inch CMP
6. M-36, Mason 33021-75198A	Station 247+87, 48 feet right of centerline, approximately 200 feet west of Lawton Street, 42 inch concrete
7. M-44, Belding 34081-60424A	Station 145+55, 71 feet right of centerline, 60 inch concrete
8. US-27 BR, Mt. Pleasant 37011-86635A	Station 535+50, 50 feet left of centerline, 60 inch concrete
9. I-94 and US-131 Interchange 39024-86055A, 86166A, 86174A, 86633A, 86634A	I-94 Eastbound, Station 1353+00, 163 feet right of centerline, 36 inch concrete
	I-94 Westbound, Station 1369+59, 95 feet left of centerline, 12 inch CSP
	I-94 Westbound, Station 1370+95, 108 feet left of centerline, 12 inch CSP
	I-94 Westbound, Station 1449+70, 131 feet left of centerline, 60 inch concrete
	Ramp G Station 165+05, 244 feet left of centerline, 36 inch concrete
Ramp D Station 122+50, 42 feet left of centerline, 12 inch concrete	
10. I-96, EB over Ore Creek Drain, Brighton 47065-M60712	Station 998+00, 20 feet right of centerline, 12 inch concrete
11. M-35, Gwinn 52032-80141A	Station 45+02, 45 feet left of centerline, 12 inch concrete
12. US-41, Menominee 55011-80017A	Station 97+00, 87.50 feet right of centerline, 12 inch CMP
	Station 101+20, 102.50 feet right of centerline, 18 inch CMP
	Station 105+43, 68.50 feet right of centerline, 12 inch CMP
13. M-125, Monroe 58071-60156A	Station 317+25, 55.73 feet right of centerline, 42 inch concrete

Appendix D.5 2007 Labeled Outfalls

Project	Outfall Location
14. US-31 @ Sternberg Road, Norton Shores, Ramp E Sternberg Road 61074-87500A	Station 20+57, 25 feet right of centerline, 24 inch concrete
	Station 134+58, 100 feet left of centerline, 24 inch concrete
15. M-20, Goodwell Township 62015-60564A	Station 26+90, 45 feet left of centerline, 15 inch concrete
16. M-15, Ortonville 63071-89268A	Station 7+25, 40 feet right of centerline, 18 inch concrete
17. M-15, Cass City 79032-82606A	Station 57+28.93, 42 feet right of centerline, 24 inch concrete
	Station 56+53.80, 46 feet right of centerline, 24 inch concrete
18. M-25, over Wiscoggin Drain 79081-80286A	Station 359+92, 45 feet right of centerline, 24 inch CMP
	Station 360+75, 48 feet right of centerline, 12 inch concrete
	Station 360+75, 48 feet left of centerline, 12 inch concrete
19. I-75, Birch Run to Bridgeport 73171-75246A	Station 1877+45, 100 feet left of centerline, 18 inch concrete
	Station 1884+00, 100 feet left of centerline, 12 inch concrete
	Station 1886+25, 100 feet left of centerline, 12 inch concrete
	Station 1889+50, 150 feet left of centerline, 36 inch concrete
	Station 1889+51, 100 feet left of centerline, 15 inch concrete
	Station 1892+62, 100 feet left of centerline, 12 inch concrete
	Station 1898+72, 100 feet left of centerline, 12 inch concrete
	Station 1902+51, 100 feet left of centerline, 15 inch concrete
	Station 1908+30, 90 feet left of centerline, 12 inch concrete
	Station 1911+30, 160 feet left of centerline, 12 inch concrete
	Station 1914+16, 138 feet left of centerline, 12 inch concrete
	Station 1914+40, 150 feet left of centerline, 72 inch concrete
	Station 1914+68, 130 feet left of centerline, 12 inch concrete
	Station 1917+30, 110 feet left of centerline, 12 inch concrete
	Station 1919+80, 110 feet left of centerline, 12 inch concrete
	Station 1922+80, 100 feet left of centerline, 12 inch concrete
	Station 1925+80, 100 feet left of centerline, 12 inch concrete
	Station 1928+80, 113 feet left of centerline, 12 inch concrete
	Station 1934+82, 104 feet left of centerline, 12 inch concrete
	Station 1937+80, 102 feet left of centerline, 12 inch concrete
Station 1940+70, 110 feet left of centerline, 15 inch concrete	
Station 1946+96, 110 feet left of centerline, 12 inch concrete	
Station 1949+96, 110 feet left of centerline, 12 inch concrete	

Appendix D.5 2007 Labeled Outfalls

Project	Outfall Location
	Station 1952+96, 110 feet left of centerline, 12 inch concrete
	Station 1956+50, 95 feet left of centerline, 15 inch concrete
	Station 1961+92, 96 feet left of centerline, 12 inch concrete
	Station 1965+24, 94 feet left of centerline, 15 inch concrete
	Station 1974+38, 110 feet left of centerline, 18 inch concrete
	Station 1977+84, 102 feet left of centerline, 12 inch concrete
	Station 1983+24, 100 feet left of centerline, 12 inch concrete
	Station 1984+35, 94 feet left of centerline, 8x8 concrete Box
	Station 1986+24, 112 feet left of centerline, 15 inch concrete
	Station 1994+42, 111 feet left of centerline, 15 inch concrete
	Station 1998+60, 98 feet left of centerline, 8x8 concrete Box
	Station 2004+00, 110 feet left of centerline, 15 inch concrete
	Station 2010+25, 105 feet left of centerline, 12 inch concrete
	Station 2013+45, 108 feet left of centerline, 12 inch concrete
	Station 2016+06, 114 feet left of centerline, 72 inch concrete
	Station 2017+50, 112 feet left of centerline, 15 inch concrete
	Station 2021+40, 98 feet left of centerline, 24 inch concrete
	Station 2024+38, 104 feet left of centerline, 12 inch concrete
	Station 2029+20, 120 feet left of centerline, 18 inch concrete
	Station 2033+70, 120 feet left of centerline, 12 inch concrete
	Station 2036+12, 101 feet left of centerline, 36 inch concrete
	Station 2036+70, 106 feet left of centerline, 12 inch concrete
	Station 2039+66, 114 feet left of centerline, 12 inch concrete
	Station 2042+68, 96 feet left of centerline, 12 inch concrete
	Station 2048+63, 98 feet left of centerline, 12 inch concrete
	Station 2051+63, 99 feet left of centerline, 12 inch concrete
	Station 2054+62, 114 feet left of centerline, 12 inch concrete
	Station 2057+63, 110 feet left of centerline, 12 inch concrete
	Station 2063+02, 112 feet left of centerline, 18 inch concrete
	Station 2064+00, 104 feet left of centerline, 36 inch concrete
	Station 2067+38, 108 feet left of centerline, 12 inch concrete
	Station 2073+89, 114 feet left of centerline, 15 inch concrete
	Station 2077+38, 111 feet left of centerline, 12 inch concrete
	Station 2080+38, 112 feet left of centerline, 12 inch concrete
	Station 2086+38, 130 feet left of centerline, 18 inch concrete
	Station 2094+68, 100 feet left of centerline, 12 inch concrete

Appendix D.5 2007 Labeled Outfalls

Project	Outfall Location
	Station 2097+35, 98 feet left of centerline, 15 inch concrete
	Station 2098+01, 103 feet left of centerline, 24 inch concrete
	Station 2103+40, 120 feet left of centerline, 12 inch concrete
	Station 2106+35, 110 feet left of centerline, 12 inch concrete
	Station 2111+80, 80 feet left of centerline, 18 inch concrete
	Station 2114+66, 98 feet left of centerline, 12 inch concrete
	Station 2120+62, 116 feet left of centerline, 12 inch concrete
	Station 2123+62, 118 feet left of centerline, 12 inch concrete
	Station 2126+11, 98 feet left of centerline, 15 inch concrete
	Station 2131+67, 104 feet left of centerline, 12 inch concrete
	Station 2134+66, 112 feet left of centerline, 12 inch concrete
	Station 2137+66, 102 feet left of centerline, 12 inch concrete
	Station 2140+69, 104 feet left of centerline, 12 inch concrete
	Station 2143+69, 106 feet left of centerline, 12 inch concrete
	Station 2145+04, 108 feet left of centerline, 36 inch concrete
	Station 2146+72, 106 feet left of centerline, 12 inch concrete
	Station 2149+73, 104 feet left of centerline, 12 inch concrete
	Station 2155+88, 100 feet left of centerline, 15 inch concrete
	Station 2158+90, 90 feet left of centerline, 12 inch concrete
	Station 2161+80, 118 feet left of centerline, 12 inch concrete
	Station 2165+38, 108 feet left of centerline, 15 inch concrete
	Station 2167+98, 90 feet left of centerline, 12 inch concrete
	Station 2170+00, 86 feet left of centerline, 12 inch concrete
	Station 2174+00, 88 feet left of centerline, 12 inch concrete
	Station 2178+80, 100 feet left of centerline, 12 inch concrete
	Station 2183+50, 98 feet left of centerline, 15 inch concrete
	Station 2186+50, 100 feet left of centerline, 12 inch concrete
	Station 2186+90, 150 feet left of centerline, 60 inch concrete
	Station 2189+80, 107 feet left of centerline, 12 inch concrete
	Station 2192+80, 106 feet left of centerline, 12 inch concrete
	Station 2195+80, 96 feet left of centerline, 12 inch concrete
	Station 2198+80, 110 feet left of centerline, 12 inch concrete
	Station 2201+80, 82 feet left of centerline, 12 inch concrete
	Station 2204+80, 80 feet left of centerline, 12 inch concrete
	Station 2210+60, 95 feet left of centerline, 12 inch concrete
	Station 2213+60, 90 feet left of centerline, 12 inch concrete

Appendix D.5 2007 Labeled Outfalls

Project	Outfall Location
	Station 2216+61, 96 feet left of centerline, 12 inch concrete
	Station 2219+61, 90 feet left of centerline, 12 inch concrete
	Station 2222+52, 98 feet left of centerline, 48 inch concrete
	Station 2222+82, 89 feet left of centerline, 12 inch concrete
	Station 2225+60, 95 feet left of centerline, 12 inch concrete
20. US-24, Flat Rock 82051-48539A	Station 55+92, 70 feet right of centerline, 12 inch concrete
	Station 56+10, 55 feet right of centerline, 18x6 concrete box
21. M-14, Sheldon Road 82102-45711A	Station 449+00, 102 feet left of centerline, 24 inch concrete
	Station 469+52, 48 feet left of centerline, 72 x 113 inch concrete
	Station 68+85, 242 feet left of centerline, 72 x 113 inch concrete
	Station 502+53, 54 feet left of centerline, 24 inch concrete
	Station 502+04, 58 feet right to centerline, 24 inch concrete
	Station 764+00, 86 feet left of centerline, 18 inch concrete
	Station 399+74, 71 feet right of centerline, 43x68 inch concrete
	Station 470+60, 92 feet right of centerline, 72 x 113 inch concrete



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
COLOMA TRANSPORTATION SERVICE CENTER

KIRK T. STEUDLE
DIRECTOR

February 15, 2007

Mr. Vincent Romano
39571 M-140 Highway
Covert, Michigan 49043

Dear Mr. Romano:

The Michigan Department of Transportation (MDOT) is currently investigating its drainage system within Covert Township. Information gathered during the course of this investigation indicates that an illicit discharge and connection is likely originating from your property at 39571 M-140 and entering into MDOT's drainage system. MDOT staff who first noticed the pipe indicated that there were soap suds coming from the pipe.

The Federal Clean Water Act and Part 31, Water Resources Protection of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended and regulations promulgated pursuant to these statutes, mandates that only clean storm water or potable water can be discharged to a system that discharges to the waters of the State. Your property could be discharging pollutants to MDOT's drainage system in violation of these laws and in violation of the Highways Obstructions and Encroachments Act, 1925 PA 368.

Please remove this encroachment within 30 days after receipt of this letter. By March 31, 2007, you must provide documentation to this office describing what actions you have taken to resolve this matter. If you are unable to remove this encroachment within that time, you must provide information to this office by March 31, 2007, describing the specific steps and schedule by which you will remove this encroachment. By copy of this letter, we are notifying the Michigan Department of Environmental Quality (MDEQ), Covert Township, and the Van Buren County District Health Department of this information.

Please contact Nicholaus VanWoert at (269) 337-3936 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul South".

Paul South, P.E., Manager
Coloma TSC, Southwest Region

Mr. Vincent Romano
Page 2
February 15, 2007

PS:df

cc: Kalamazoo District Supervisor, MDEQ Water Division
Covert Township
Van Buren County District Health Department

bcc: Tetra Tech MPS, MDOT MS4 Consultant
Judy Ruskowski, MDOT Storm Water Program Manager
Bobbi Welke, MDOT Southwest Region Engineer
Nicholaus VanWoert, MDOT Southwest Region Storm Water Representative



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
COLOMA TRANSPORTATION SERVICE CENTER

KIRK T. STEUDLE
DIRECTOR

December 5, 2007

Mr. Tom Jelinek
8141 West US-12 Highway
Three Oaks, Michigan 49128

Dear Mr. Jelinek:

Enclosed is a copy of a letter dated August 6, 2007, mailed to you regarding an illicit discharge and connection originating from your property and entering into the Michigan Department of Transportation's (MDOT's) drainage system. This letter required that you either remove the illicit discharge and connection by September 10, 2007, or respond by that date describing what actions you plan to take to eliminate this discharge and connection. As of this date, we have not received a formal response from you indicating your plans to remove this connection.

MDOT is required to take enforcement actions to eliminate all illicit discharges and connections to its drainage system by its National Pollutant Discharge Elimination System permit for the discharge of its storm water. If you do not either remove the connection described in the enclosed letter, or provide MDOT with a detailed plan to have the connection removed by **January 7, 2008**, MDOT will take the appropriate enforcement actions to eliminate this illicit connection and discharge into MDOT's drainage system.

By **January 7, 2008**, you must provide documentation to this office describing what actions you have taken to resolve this matter and a detailed plan to have this matter corrected. By copy of this letter, we are notifying the Michigan Department of Environmental Quality (MDEQ), Three Oaks Township, and the Berrien County Health Department of this information.

If you have any questions, please contact Nicholaus VanWoert, MDOT Southwest Region Storm Water Representative, at (269) 337-3936 or e-mail vanwoertn@michigan.gov.

Sincerely,

Paul South, P.E.
Manager, Coloma TSC

Enclosure

cc: Three Oaks Township
Berrien County Health Department
Kalamazoo District Supervisor, MDEQ Water Division

Mr. Tom Jelinek
Page 2
December 5, 2007

bcc: Tetra Tech MPS, MDOT MS4 Consultant
Judy Ruskowski, MDOT Storm Water Program Manager
Bobbi Welke, MDOT Southwest Region Engineer
Nicholaus VanWoert, MDOT Southwest Region Storm Water Representative

Mr. Charles Sittig, Supervisor
Three Oaks Township
8 East Linden
P.O. Box 55
Three Oaks, Michigan 49128

Mr. Gary Witkowski
Berrien County Health Department
2106 South M-139 Highway
Benton Harbor, Michigan 49022

Kalamazoo District Supervisor
MDEQ Water Division
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