

**Table 5 2009 Storm Water Permit Annual Progress Report
St. Clair County and its Nested Jurisdictions
Illicit Discharge Elimination Plan Activities**

Required Element #1: CORRECTION OF ILLICIT DISCHARGES			
BMP Activity	Evaluation	Schedule	Action Taken
1. Legal Authority for Corrections			
<ul style="list-style-type: none"> Review existing legal authority to implement the IDEP. 	<ul style="list-style-type: none"> Assure proper authority 	Complete	Health Department (HD): 2002 amendment to SCC’s Environmental Health Code gave SCC the authority to issue municipal civil citation infractions for OSDS correction. No changes this past year.
		New rules will include IDEP authority	Drain Office (DO): Currently illicit discharges are prohibited by in section 2.6 of the 2004 Drain Rules. This section refers to Section 423 of the Drain Code for the authority to prohibit illicit discharges in county drains.
2. Status of Corrections			
<ul style="list-style-type: none"> Evaluate the effectiveness of the IDEP through tracking annual correction activities. 	<ul style="list-style-type: none"> # discharges eliminated # found Estimated pollutant reductions 	Report Annually	SCC: 16 Illicit discharges corrected. The equivalent reduction in sewage discharge is 1,147,560 gallons / yr.
			ECSD: No surveys or corrections made this past year. All facilities dye tested in 05. 1 sanitary connection & two downspout connections corrected 2007.
			ACSD: The Bus Service Center floor drain was disconnected from the storm drain and connected to the sanitary sewer.
			SC4: No illicit discharges found to date.
PHASD: floor drain disconnected from storm drain and oil water separator installed			
3. Overall Program Evaluation			
<ul style="list-style-type: none"> Overview of program’s progress. 	<ul style="list-style-type: none"> Provide overview of program evaluation 	<ul style="list-style-type: none"> Report annually 	<p>SCCDO: Drain Inspectors performed follow up IDEP investigations in the following ten drains: 1. Grandchamp, 2. Marsac Creek, 3. Beaubien Creek, 4. Scheffler, 5. Doyle, 6. Routley, 7. Moore, 8. McGregor, 9. Holland and 10. Dana. 14 hot outfalls were referred to the HD for OSDS follow up.</p> <p>SCCHD Sanitarians surveyed 264 miles of road drain or 20% of all road drains/ ditches (Algonac and Clay, Cottreville, Berlin, Wales and Clyde Townships) and sampled outfalls for <i>Ecoli</i>.</p> <p>29 failures were found in county drains, 11 failures in road drains/ ditches, and 16 failing OSDS corrections made. See Figure 2 SCCHD IDEP Road Outfall Follow-up Survey (2009), Figure 3 SCC IDEP Correction Status.</p>

*(# corrected)(75 gallons/ person/ day)(2.62 persons/ household)(365 days/ yr.)= gallons/ yr.

Table 5 – SCC and its nested jurisdiction’s Illicit Discharge Elimination Activities

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3. Overall Program Evaluation continued			
<ul style="list-style-type: none"> • Overview of program's progress. 	<ul style="list-style-type: none"> • Provide overview of program evaluation 	<ul style="list-style-type: none"> • Report annually 	ECSD: No surveys or corrections made this past year. All facilities dye tested in 05. 1 sanitary connection & two downspout connections corrected 2007.
			ACSD: Disconnection of Bus Service Center originally scheduled for 07-08. The project is now scheduled for Spring 09.
			SC4: 2 downspouts were disconnected from the sanitary.
			PHASD: floor drain disconnected from storm drain and oil water separator installed

Required Element #2: IDENTIFICATION OF ILLICIT DISCHARGES			
Status of the program to minimize seepage from sanitary sewers and on-site sewage disposal systems into the permittee's separate storm water drainage system.			
4. Illicit Discharge Detection			
<ul style="list-style-type: none"> • Visual dry-weather inspection of storm water outfalls, follow-up investigation and correction of any problems • Facility inspections • Map sanitary and storm systems 	<ul style="list-style-type: none"> • Outfall identification efforts • # of outfalls and failures located, estimation of sewage discharge, • Facility inspection results 	<ul style="list-style-type: none"> • On-going 	SCC: A survey of outfalls at Goodells park was conducted. A survey of the RC River Property in Marine City was conducted with Nativescapes to assess potential for marine debris removal and buffer installation. See above for surveys completed and correction status.
			ECSD: No surveys or corrections made this past year. All facilities dye tested in 05. 1 sanitary connection & two downspout connections corrected 2007.
			ACSD: No facility inspections conducted. Floor drain in bus garage connected to the sanitary.
			PHASD: Inspection of transportation center conducted 9.3.09
			SC4: No actions.

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5. Employee Training								
<ul style="list-style-type: none"> Provide training to appropriate staff on illicit connections and discharges, including failed OSDS, safety issues and naturally occurring phenomenon 	<ul style="list-style-type: none"> # of attendees at educational workshops. IDEP employee education efforts 	1st year; on-going	SCCHD 8 staff received Industrial Storm Water Operator Certification KOJurs received Wayne County's IDEP training in 2003. M. Malcolm trained by ECT.					
			SCCDO : 4 staff received Industrial Storm Water Operator Certification C. Collins received Wayne County's IDEP training in 2006. D. Rhein was trained in by ECT in 2003.					
			ECSD : No action.					
			ACSD : No action.					
			SC4 : No action.					
PHASD : 1 staff certified Storm Water Operator Certification (D. Knowlton # 10099)								
6. Public Education								
<ul style="list-style-type: none"> Information on OSDS maintenance 	<ul style="list-style-type: none"> # and types of information provided 	On-going	<table border="1"> <tr> <td>A Guide to Your Septic System</td> <td>128</td> </tr> <tr> <td>Illicit Discharge Elimination Program</td> <td>25</td> </tr> </table>		A Guide to Your Septic System	128	Illicit Discharge Elimination Program	25
			A Guide to Your Septic System	128				
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7. Complaint Receipt System								
<ul style="list-style-type: none"> Track complaints received and follow up actions. 	<ul style="list-style-type: none"> # of complaints received and action taken. 	Ongoing SCC treats all complaints as a priority and follow up is resolved by area Sanitarians or referred to DEQ.	<table border="1"> <tr> <td>SCCHD Environmental Health/ Hot Line (877 504-7946) or (810) 987 5306</td> <td>35 IDEP complaints/calls</td> </tr> <tr> <td>SCCDO Complaint Line (810) 364-5369</td> <td>Information not available this year.</td> </tr> </table>		SCCHD Environmental Health/ Hot Line (877 504-7946) or (810) 987 5306	35 IDEP complaints/calls	SCCDO Complaint Line (810) 364-5369	Information not available this year.
			SCCHD Environmental Health/ Hot Line (877 504-7946) or (810) 987 5306	35 IDEP complaints/calls				
			SCCDO Complaint Line (810) 364-5369	Information not available this year.				
ECSD, ACSD, SC4, PHASD : <ul style="list-style-type: none"> Advertises SCC's Environmental hotline through the school poster contest. 								

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8. Illicit Discharge Referral				
• Refer discharges to proper authority	• Document of referrals	On-going	SCCHD # of municipal referrals	0
			SCCDO # referrals to HD	14
DO referred 14 failing OSDS discharges to the HD for correction.				
Required Element #3: SCHEDULE FOR ILLICIT DISCHARGE ELIMINATION				
Schedule for elimination of illicit connections that have been identified but have yet to be eliminated.				
9. Schedule for correction of illicit discharges				
• Schedule for elimination of illicit connections that have been identified but have yet to be eliminated.	• Schedule for corrections	• Ongoing	SCC: See Outfall Not Corrected Status Report Figure 1.	
			ECSD: No illicit discharges currently.	
			ACSD: Corrected floor drain connection to storm by connecting it to the sanitary.	
			SC4: No illicit discharges were found in previous permit cycle. No actions this reporting period.	
		PHASD: floor drain disconnected from storm drain and oil water separator installed		

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