

Allen Park Public Schools Storm Water Pollution Prevention Initiative (SWPPI)

Type	Action/Commitment (Method of Implementation)	Goals Addressed								Timeline	Evaluation Method	WMP	Pollution Prevention/ Good Housekeeping	Post Construction Control
		Reduce Flow Variability (E, M3-4)	Reduce Flooding (E, M3-4)	Increase Public Ed (E, Main 3-4)	Improve Water Quality (E, M3-4)	Protect Public Health (E, M3-4)	Recreational Activities (E, M3-4)	Improve Habitat (E, M3-4)	Sustain Wtshd Mngt (E)					

WATERSHED MANAGEMENT PLAN ACTIONS

Managerial- Policies	Review and update storm water management requirements for new developments and redevelopment. Pass board resolution requiring compliance with Post-Construction Standards including operation and maintenance of structural controls, minimum treatment volume standards, and channel protection criteria.	✓	✓	✓	✓	✓	✓	✓	✓	4/11/2011	Copy of resolution	●	●	●
	Comply with County and City SESC policies and program practices. Obtain requirements permits and comply with general permit requirements for all construction projects.		✓	✓	✓				✓	Complete.	Document compliance by maintaining copies of permits and reporting any changes that occur in the Annual Report.	●	●	●
	Enforce Post-Construction Policy and Procedures Storm Water School Board Resolution. Develop and implement policies and procedures for Post-Construction Storm Water Controls as approved by School Board Resolution.		✓	✓	✓				✓	4-11-2011/ Ongoing.	Pass Board Resolution.	●	●	●
Managerial Practices	Routinely inspect and sweep district owned streets and parking lots. Conduct routine inspection of parking lots and access roads/maintain records of sweeping program and summarize in annual report.				✓	✓		✓	Ongoing.	Report street sweeping schedule in Annual Report.	●	●		
Managerial-Education & Training	Recycling management education to the public. Recycling, Composting and Rubbish collection information provided on Allen Park Public Schools website (www.apps.k12.mi.us) and in district Newsletter.		✓	✓	✓			✓	Ongoing.	Summarize information made available to the public on the City's website; indicate duration information was provided. Results of future public awareness surveys will be evaluated against SEMCOG 2004 survey.	●	●		
	Pet waste management education to the public. Materials made available on webpage & Board office.			✓	✓	✓			Ongoing.	Number of brochures distributed.	●	●		
	Lawn and garden maintenance information to the public. Staff training and brochures for use of proper fertilize use and application/add information to district website.			✓	✓			✓	Ongoing.	Track staff training/# of brochures.	●	●		
	Watershed-related Informational Displays. Wayne County and SEMCOG have various pollution prevention and/or watershed awareness displays available to watershed partners. APPS will purchase and setup displays at board office and during board meetings.			✓	✓			✓	✓	Annually.	The number of events where W.C. and/or SEMCOG displays were used will be included in the Annual Report. Results of future public awareness surveys will be evaluated against SEMCOG 2004 survey.	●	●	
	Household Hazardous Waste Day. APPS will continue to promote both the City and W.C. HHW collection activities for specific wastes via the district website and Newsletter.		✓	✓	✓					Annually.	Summarize collections and postings on website for annual report	●	●	

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Me	Yard Waste Collection and/or Recycling. APPS will continue to promote City of Allen Park yard waste collection. City will continue to promote the service and the website, Newsletter. Train staff regarding proper handling and recycling of yard wastes.			✓	✓			✓		Annually	Summarize methods of promotion and provide comments on collection activities in the Annual Report.	●	●	
	Watershed-related educational curriculum will be reviewed and /brochures, tip cards, and public service announcements will be posted on district website. Materials made available on website and at Board office.			✓	✓					Ongoing throughout Permit cycle.	Copy of materials posted on website/Number of brochures distributed.	●	●	

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Managerial-Operational	Wayne County 24-hour Environmental Hotline and Coordinated Complaint Response. Wayne County operates a 24-hour Hotline Number to field and respond to environmental complaints including illegal dumping and suspicious discharges. APPS will promote the use of this hotline number (888-223-2363) on the district website and post throughout the district. APPS will assist and/or follow up with complaint response as appropriate and requested by either the City of Allen Park or the County.			✓	✓	✓		✓	Ongoing throughout Permit cycle.	Wayne County maintains a database of all pollution complaints received, their status and outcome. Effectiveness will be determined based on complaints received and discharges eliminated or cleaned up within APPS's jurisdiction as requested by the City of Allen Park or Wayne County.		●	●
	Perform smoke/dye testing in areas of concern. Televisе areas of concern. APPS will perform testing and inspection of areas of concern as needed.			✓	✓	✓			4/1/11 through 11/30/11 with additional testing as needed during the term of the permit.	Methods of testing and linear footage of tested areas will be documented in the Annual Report.	●	●	
	County-Based Illicit Discharge Investigation and Correction. APPS will cooperate with city or county led commercial facility dye-testing inspections and/or advanced investigations in response to major problem areas identified via volume of complaints or instream monitoring.			✓	✓	✓			Ongoing.	Information will be maintained by the District of all inspections and/or investigations made. The status and outcome of any inspections will be reported to the City of Allen Park. Effectiveness will be determined based on illicit discharges and illicit connections identified and eliminated.		●	
	Staff Training to identify illicit discharges. APPS will train applicable staff to identify and report suspicious discharges during routine work or maintenance activities. As needed, staff will participate in these IDEP training programs and/or as new training programs or mechanisms become available.			✓	✓	✓			As appropriate and as offered during the permit period.	The number of staff trained will be reported annually. Suspicious discharges identified by staff will be reported. Effectiveness will be based on improved efficiency and/or increases in illicit discharges identified and eliminated by field staff.	●	●	
	Minimize infiltration of seepage from sanitary sewers. APPS will continue to operate and maintain the sanitary sewer system located on their properties as specified by the City of Allen Park or Wayne County. Activities to include dry weather screening of discharge points to identify potential problems.			✓	✓	✓			Ongoing.	Activities will be summarized in the Annual Report submitted to the City of Allen Park.	●	●	
	Update outfall and storm sewer system maps based on field observations and inspections. APPS will continue to update site maps and diagrams to identify the type and location of all discharge points and structural controls. A numbering system will be developed for use in ongoing O&M inspections.			✓	✓	✓			Ongoing throughout Permit cycle.	Update maps as necessary and document in Annual Report.	●	●	

E: Ecorse Creek Watershed Management Plan Goal
M 3-4: Main 3-4 Rouge River Subwatershed Management Plan Goal

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Managerial-Education & Promotion	Educating the Public on prevention of illicit discharges. APPS will train applicable staff and provide IDEP educational information on the districts website.	✓	✓	✓	✓	✓	✓	✓	Ongoing throughout Permit cycle.	Training rosters/copies of information posted on website.		•	
	Newsletter Articles and Advertisements. Numerous newsletter articles or ads that address various elements of the storm water permit public education requirements are available. APPS will work with the City of Allen Park, Wayne County, and SEMCOG to add this information to the districts website.			✓	✓	✓			Ongoing throughout Permit cycle.	Copies of information posted on the website will be reported annually.	•	•	•
	"Stormwater Awareness" Website. APPS will develop a "Stormwater Awareness" webpage on the districts website to add information and/or provide links to the SEMCOG "Our Water. Our Future. Ours to Protect." webpage, Friends of the Rouge webpage, MDEQ Stormwater Webpage along with other watershed information that becomes available. Information will include activities, events, and individual actions public can take to protect water resources, including riparian land management, yard waste collection, and the illicit discharge hotline.			✓	✓	✓			Ongoing throughout Permit cycle.	APPS will document links and number of "hits" to the website and summarize in Annual Report.	•	•	•
	Riparian Land Management. Educate school children and citizens about the importance of buffer zones and the oxbow project at Henry Ford Greenfield Village by distributing literature and seed packets.	✓	✓	✓	✓	✓	✓	✓	Completed.	Report on the number of brochures distributed. Results of future public awareness surveys will be evaluate against SEMCOG 2004 survey.		•	•
	Promote WCDOE Environmental Hotline Line. Wayne County operates a 24-hour Hotline Number to field and respond to environmental information requests and complaints including illegal dumping and suspicious discharges. APPS will promote the use of this hotline number (888)223-2363 and will assist and/or follow up with complaint response as appropriate and requested by the City of Allen Park or Wayne County.			✓	✓	✓	✓	✓	Ongoing through Permit cycle.	The number of calls to hotline on issues within Allen Park, nature of complaints, and follow-up actions. Effectiveness will be determined based on complaints received and discharges eliminated or cleaned up.	•	•	•
	Storm Drain Stenciling. APPS will apply markings or stencil storm drains to notify the public not to dump and indicate that the structure drains to the river.			✓	✓	✓		✓	Ongoing.	The number of labels installed will be documented in the Annual Report. Results of future public awareness will be evaluated against SEMCOG 2004 survey.	•	•	•
	Educate the public on citizen responsibility and stewardship. Promote events such as the Rouge River Rescue efforts, by encouraging Faculty, Staff, and student participation with Newsletters and/or posting of information on the district's website.			✓				✓	Ongoing the Permit cycle.	The media method and number of promotions will be included in the Annual Report. Results of future public awareness surveys will be evaluated against SEMCOG 2004 survey.	•	•	•

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	Southeast Michigan Partners for Clean Water Informational Materials. SEMCOG, through its Partners for Clean Water Campaign, has developed the “Seven Simple Steps” program which has created messages and written materials that address the six elements of the PEP. APPS will utilize the materials produced in this program and the initiatives that are promoted by this program.			✓				✓	Ongoing as materials are available and appropriate to distribute.	Annual Report will include a summary of the Clean Water Partner materials displayed and distributed.	•	•	•

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OTHER ACTIVITIES														
	SEMCOG Pollution Prevention/Good Housekeeping Training. APPS will train applicable employees in meeting pollution prevention/good housekeeping requirements. The program will include training for both management/decision makers and their staff. Items will include workshops, web modules, presentations, and fact sheets.	✓		✓	✓	✓	✓	✓		Annual training	Will report attendance and participation in Annual Report.		•	•
	District Pollution Prevention Plan. Develop and implement a "District Stormwater Pollution Prevention Plan" to identify structural and non-structural BMP's (Best Management Practices) to be used by APPS to reduce or eliminate the discharge of pollutants through the separate storm sewer system.	✓	✓	✓	✓	✓		✓		May 1, 2011 and ongoing	Provide a copy of the APPS DPPP to the City along with annual review and updates with annual reports	•	•	•
	Ecorse Creek Annual Clean Up Day. Friends of the Ecorse Creek and Wayne County coordinate the implementation and promotion of the Annual Ecorse Creek Clean Up Day. APPS will help to promote Faculty, staff, and student participation in the event.		✓	✓	✓	✓	✓	✓		Typically occurs in May of each year.	Annual report will summarize community staff involvement. Results of future public awareness surveys will be evaluated against SEMCOG 2004 Survey.		•	•
	Alliance of Rouge Communities. APPS will seek membership of the Alliance of Rouge Communities.									Meet on an as needed basis or as determined by the Committee / Alliance.	Annual report will summarize watershed committee status and activities.		•	
	Formation of Watershed Alliance. The Ecorse Creek and Combined Downriver entities/communities have formed a Watershed Alliance. APPS will seek to participate in regular meetings and activities with the Watershed Groups/Alliance.	✓	✓	✓	✓	✓	✓	✓		Meet on an as needed basis or as determined by the Committee / Alliance.	Annual report will summarize watershed committee status and activities.		•	
	Friend of the Rouge/Friends of the Detroit River/Stream Teams. These groups coordinate the implementation and promotion of annual clean-up activities. APPS will help to promote Faculty, Staff, and student participation in the event.		✓	✓	✓	✓	✓	✓		Annual Events.	Annual report will summarize community staff involvement. Results of future public awareness surveys will be evaluated against SEMCOG 2004 Survey.		•	•
	Maintenance of district Storm Water Controls. Routine maintenance and cleanout are conducted on a regular and systematic schedule. Floor drains Transportation and Maintenance Garage are cleaned routinely. Storm water structures on district property are inspected routinely and serviced as necessary.		✓		✓	✓		✓	✓	Ongoing through Permit cycle.	The number of inspections conducted and catch basins cleaned per year will be provided in the Annual Report.		•	
	Reduce Discharge of Pollutants from Roads, Parking Lots, Etc. Road salt is stored in a covered salt dome at one location within the City. Salt is applied only when necessary. District-owned parking lots are swept once per month (April-November) to remove debris and sediment.				✓	✓		✓	✓	Road salt is always stored in the dome until needed. City parking lots will continue to be swept per schedule.	Amount of road salt stored in the covered dome and the number of times District parking lots are swept each year will be included in the Annual Report.		•	

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	Disposal of O&M Waste from Storm Water System. All street sweeping and catch basin cleanout debris will be managed as required under PA451 part 121 for liquid industrial wastes` .				✓	✓		✓	✓	O&M waste from street sweeping and catch basin cleanouts are properly disposed of as collected throughout the year.	The method of disposal will be documented and included in the Annual Report.		•	
	Reduce Discharge of Pollutants from district use of Fertilizers/Pesticides. Use and application of fertilizers, herbicides, and pesticides will be documents and reported in the annual reports to the City of Allen Park. APPS will comply with the fertilizer use restrictions for Phosphorous containing fertilizers and follow the districts Integrated Pest Management Plan (IPMP) for use and application of herbicides and pesticides.				✓	✓		✓	✓	Fertilizers are used twice per year on specific City boulevards.	The area and number of applications will be documented and included in the Annual Report.		•	