

Municipality/Organization: Town of Palmer

EPA NPDES Permit Number: \_\_\_\_\_

MassDEP Transmittal Number: W-

Annual Report Number & Reporting Period: Year 10  
April 1, 2012 – March 31, 2013

## NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2013)

### Part I. General Information

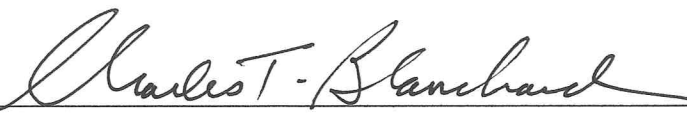
Contact Person: Charles Blanchard Title: Town Manager

Telephone #: 413-283-2603 Email: cblanchard@townofpalmer.com

Mailing Address: 4417 Main Street

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: 

Printed Name: CHARLES T. BLANCHARD

Title: TOWN MANAGER

Date: April 25, 2013

## Part II. Self-Assessment

The Town of Palmer submits this Annual Report for the tenth year of activities associated with Palmer's NPDES permit for stormwater discharges, defined as the period of April 2012 through March 2013. This report is for the time period that reflects the sixth full year of the Town Council and Town Manager form of Government.

During Permit Year 10, the Town completed work at Crest Street and Hill Street as part of the Community Development Block Grant to improve the stormwater infrastructure around town. The Town continues to seek funding to support stormwater protection. As the Town has been able to appropriate funds for this purpose, several planned activities have been scaled back or postponed; however, others are moving forward as planned. The community continues to work for proactive management of stormwater issues through town events and publicly available education.

The Town is amplifying and expanding its effort in the area of catch basin and street cleaning, especially since the winter of 2012-2013 requiring a significant increase in road treatments. The Town will continue this program into the future, irrespective of the extent of winter road treatment requirements.

**Part III. Summary of Minimum Control Measures**

**1. Public Education and Outreach**

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1 Revised	Create Stormwater Program	Public Works Planning Board Conservation Commission Board of Health Town Manager	Palmer will present to the public at public meeting Palmer’s Comprehensive Stormwater Management Program	Palmer has developed two Stormwater Ordinances, which were presented public hearings on July 14, 2008 (Projects greater than one acre) and February 9, 2009 (Projects less than one acre).	Palmer will continue to evaluate its Stormwater Ordinances and adjust them to provide adequate protection of local bodies of water.
2 Revised	Create Stormwater Program	Town Manager Public Works	Palmer will identify appropriate sources of funding assistance (SRF, 319 Grant Program, 604(b) Grant Program, Lakes & Ponds Grant Program) and apply for assistance in implementing portions of Palmer’s Comprehensive Stormwater Management Program, including public education and outreach	The Town received Community Development Block Grant funds for an infrastructure redevelopment project on Crest St and Hill St. that included storm drains, water, sewer, streets and sidewalks. This project was designed and constructed in 2012.	The Town of Palmer has joined an intermunicipal agreement with 29 other communities for regionalizing municipal stormwater management in central Massachusetts through collaborative education, data management and policy development.

3	Address Specific Groups	Town Manager Public Works Conservation Commission	Distribute EPA and other relevant educational brochures to targeted audiences. Distribution points include Town Hall, Library and Transfer Station, Conservation Commission will sponsor biodiversity days at Palmer High School	The Town has received EPA educational material on disk for easy printing and distribution.  Brochures regarding stormwater and sewers are available at the Palmer Town Building, Senior Center, Library and Recycling center.	The Town will continue to offer current educational materials to the public on the protection of its water bodies.
Revised					
4	Target groups likely to impact stormwater.	Town Manager Public Works	Brochures targeting specific audiences and activities will be available. These target groups include homeowner and lawn maintenance activities, disposal of household waste, and pet maintenance	The Town of Palmer has available the following brochures: Watch Your Waste prepared by MADEP, door hangers A Guide to Your Building's Recycling Program prepared by MADEP.  Water Department posts Water Conservation Tips on the town website, including measures to reduce outdoor waste. Announcements of events concerning leaf disposal and composting are also posted on the town website and attached to this report.  The Town's Highway Department also posts education links and announcements for lead disposal on their website.	The Town will continue to make these and other material available.
Revised					
5	Identify alternative information sources	Town Manager MIS Department	Palmer will post links to stormwater BPMs and other water quality education resources, including EPA and DEP on its website: <a href="http://www.townofpalmer.com">www.townofpalmer.com</a>	Palmer has identified an posted links to EPA and DEP stormwater regulations and other water quality education resources on its website: <a href="http://www.townofpalmer.com">www.townofpalmer.com</a>  The Town's website includes links to local water departments and water quality reports.	Palmer will continue to locate new educational sources to post to its website as well as maintain the links to current resource materials.
Revised					

6	Identify alternative information sources	Town Manager MIS Department	Palmer will also post links on its website to the Chicopee River Watershed Association @ <a href="http://www.chicopeeriver.org">www.chicopeeriver.org</a> .	The Town of Palmer's webmaster is in the process of identifying local watershed links to post to its website. Palmer will then review additional links for relevancy when located.	This effort will continue into 2013.
7	Utilize local public access channel	Town Manager	Public Meeting notice for the meeting to review Palmer's Comprehensive Stormwater management Program will be posted on Palmer's website	Public meeting notices were posted on the town website and the public meetings reviewing Palmer's Comprehensive Stormwater Management Program (held July 14, 2008 and February 9, 2009) aired on Palmer's local access channel.	The town continues to post announcements for public forums regarding stormwater on their website; such announcements are attached to this report.
8	Develop, conduct and document educational programs	Town Manager Liaison	The Town of Palmer will appoint a liaison to the Chicopee River Watershed Council to disseminate information to the Town on programs and activities	Due to budget constraints, the Town of Palmer has not appointed a liaison to the Chicopee River Watershed Council.	Volunteers will be sought for this role.
9	Promote Household Waste Recycling	Public Works Board of Health	The Town of Palmer will work with the Town of Monson and the Town of Wilbraham and the Board of Health to continue to sponsor Regional Hazardous Waste Collection Days.	Palmer holds monthly Recycling Events the first Saturday of each month, published on the town website. A recycling announcement posted to the town's website, along with a typical month's calendar showing the monthly recycling event, are attached to this report.  The Town of Palmer maintains an ongoing partnership with the Town of Wilbraham for Hazardous Waste Collection. Every September there is a multi-community event for hazardous waste. Palmer participated in 2012 and plans to remain involved.	Palmer will continue to hold and advertise monthly Recycling Events as well as continue the multi-community partnership for Hazardous Waste Collection.

## 2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities
10	Storm drain stenciling	Public Works	Palmer will work with local lake and Scout groups to develop a stenciling program. Stenciling will target Palmer's subwatersheds.	Stenciling was completed during the original 5-year permit term; No additional activities took place this permit year.	The Town will continue to identify and support watershed protection activities involving local student and community groups.
Revised					
11	Community clean-ups	Public Works Conservation Commission	Town of Palmer will encourage local stream team cleanups with local residents and area Scout groups. Town will provide solicitation of sponsors and notice of events on local access channel and website.	The Hampden County Sheriff's Department provides manpower for riverbank cleanups several times a year. The Palmer DPW provides trucks for waste pickup.  Local Boy Scouts clean up the banks of at least one river or stream each year.  Palmer Events Planning hosted a Pick-up Palmer Day in May.	The Town continues to support and encourage local cleanups with local residents.
Revised					
12	Community clean-ups	Public Works	Town will provide trucks and other material to support cleanup efforts and disposal of materials.	The Town of Palmer accepts yard waste and materials from town cleanup efforts at the Burleigh Park composting site and at the town DPW yard.  The Palmer DPW provides transportation for waste pickup during school-based Earth Day cleanups.	The Palmer DPW supports residents in picking up garbage from streets, curbs, sidewalks and drainage areas along roadways, and will continue to support community cleanup efforts.
Revised					

### 3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities
13	Inventory and mapping of storm drain system	Public Works	Palmer will identify appropriate sources of funding assistance (SRF, 319 Grant Program, 604 (b) Grant, Lakes & Ponds Grant Program, Source Water Protection Grant Program, Recycling Grant Program) and apply for assistance in implementing portions of Palmer’s Comprehensive Stormwater Management Program, including public education and outreach.	The Town of Palmer has joined an intermunicipal agreement with 29 other communities for regionalizing municipal stormwater management in central Massachusetts through collaborative education, data management and policy development. The official joint application will not begin until permit year 11	The Town of Palmer along with the Conservation Commission will continue to seek funding opportunities to support its protection of local bodies of water. The Town will also be working with the Municipal Stormwater Management Collaborative to identify funds.
14	Mapping and identification of outfalls and receiving waters.	Public Works Board of Assessors	Palmer will develop and implement a plan to map all outfalls and receiving bodies of water, contingent on Town Council approval of funding.	All known outfalls within Palmer’s CSO area were mapped during the original 5-year permit term and are inspected annually to make sure they are in proper working condition. Palmer’s Wastewater Treatment Plant personnel maintain the outfall maps that have been completed	The Town will continue to monitor for unknown outfalls and maintain all known outfalls in the CSO area

15	Identification/description of problem areas	Public Works	Palmer will develop and implement an Illicit Discharge Detection and Elimination (IDDE) plan, contingent on Town Council approval of funding	Palmer developed an Illicit Connections and Discharges to the Municipal Storm Drain Ordinance, which was presented at a public hearing on July 14, 2008 and was passed by the Town Council on August 11, 2008.  Palmer's Wastewater Treatment Plant personnel perform quarterly inspection of CSO outfalls and outfalls that were abandoned during or prior to the Town's CSO separation project. Suspended flows are immediately investigated for source identification and removal.	Quarterly inspections on all CSO outfalls and outfalls abandoned during or prior to the Town's CSO separation project will continue.
16	Enforcement procedures addressing illicit discharges	Planning Board Town Council Board of Health	Palmer will review whether local authority is appropriate and able to respond to potential illicit discharges. New ordinances, if necessary, will be proposed to Town Council.	The Town has local regulations prohibiting illicit discharges into the storm drain system	The Town will continue to enforce and critique its illicit discharge regulations.
17	Public information program regarding hazardous wastes and dumping	Public Works Board of Health	Palmer will provide educational brochures to residents promoting proper disposal household hazardous wastes and conditions for regional collections	The Town maintains an active partnership with Wilbraham for disposal of household waste.	This partnership with Wilbraham will continue into the future.
18	Initiation of recycling programs	Public Works Board of Health	Palmer will apply for funding assistance from DEP's Recycling Grant Program for assistance in public education and in the purchase of recycling materials.	The Town of Palmer utilized printed materials from MADEP to encourage recycling by Palmer residents and businesses.	The Town will continue to identify funding sources and opportunities to encourage recycling.



19	Watershed assessments and studies	Public Works Conservation Commissions Board of Health	Palmer will identify opportunities for funding assistance from DEP's 604(b) and 319 grant programs and the Department of Environmental Management's Lakes and Ponds Grant Program to support watershed assessment and implementation activities. Tasks can include design and installation of stormwater BMPs and public outreach including storm drain stenciling. Emphasis will be on assessments and remediation of stormwater related problems.	Palmer continues to identify funding opportunities to support its protection of local bodies of water.	There is potential that limited funding for a watershed assessment is forthcoming from a program initiated from the Pioneer Valley Planning Commission (PVPC).
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20	Watershed assessments and studies	Public Works Palmer Water & Fire Districts	The Town of Palmer will encourage the Palmer Water Districts to apply for funding assistance from DEP's Source Water Protection Program for grant assistance to develop wellhead protection plans and stormwater management plans within Zone II. These plans can include stormwater management programs. The proposed tasks will include a public education component.	Palmer implemented town-wide Storm Water Management Plans during Permit Year 6.	The Town of Palmer will continue to encourage the Water Districts to seek funding for individual Zone II Storm Water Management Plans.
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#### 4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities
21	Ordinance: Storm water management regulations for construction sites 1 acre or larger	Planning Board Conservation Commission Town Council Board of Health Zoning Board of Appeals	Palmer will review model ordinances developed by DEP in consultation with the Attorney General's Office.	Storm Water Management regulations were passed during Permit Year 6.	No additional action is planned for the BMP.
	Revised				

#### 5. Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities
22	Ordinance: Require post-construction runoff controls	Planning Board Conservation Commission Town Council Board of Health Zoning Board of Appeals	Palmer will review model ordinances developed by DEP in consultation with the Attorney General's Office.	The Planning Board rules and regulations for all new developments require a stormwater management plan during and post construction	No additional action is planned for this BMP.
	Revised				

## 6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities
23	Develop a municipal Operations and Maintenance Plan	Public Works	Using regulations from DEP and EPA, Palmer will develop and update an operations and maintenance plan to include proper disposal of street sweepings, catch basin cleanout, snow disposal, roadway deicing procedures, vehicle washing, and outside storage of materials.	A formal O&M plan is still being developed in Permit Year 10 and beyond.  Street sweeping occurs from April to October each year. Palmer's DPW cut down the rate of salt and sand over the permit year during winter perception to limit the amount of material buildup during spring melt. The winter of 2012-2013 was, however very intensive as to road treatment and plowing needs.	The Town of Palmer's DPW and WWTP personnel will continue their efforts to finalize the O&M Plan.
Revised					
24	Develop a municipal Operations and Maintenance Plan	Public Works	Palmer will implement a formal inspection program, including maintenance logs and scheduling, for catch basin cleaning, repairs, and new installation.	A formal inspection is being developed as part of the formal O&M Plan.  Palmer owns a vacuum truck, which is used by the DPW and WWTP personnel for catch basin cleaning on a daily basis. Structural conditions or suspended illicit discharges are noted for future maintenance or follow-up action respectively.  Palmer's DPW performs manhole inspections on a regularly scheduled basis and records results per MIIA recommendations.	Palmer will continue its current inspection and cleaning routine while the O&M Plan is being developed
Revised					

25	Develop and implement training programs for municipal employees	Public Works	Palmer will send a minimum of 3 public works employees annually to training seminars sponsored by MassHighway, BayState Roads, and other relevant agencies or vendors.	During the past year, DPW employees have participated in the following training sessions: Flagmen training, hot mix asphalt inspection, dig-safe training and NEWEA specialty conferences.	The Town will continue to send employees to relevant training seminars and forums.
Revised					
26	Review storm drainage infrastructure needs	Public Works	Palmer will incorporate storm drain infrastructure review in Palmer's Chapter 90 project utilization.	In conjunction with the CSO Phase IV project, the Town of Palmer installed over 25 new catch basins during permit year 8 for stormwater maintenance. The Town has also repaired, substantially replaced or installed new drainage structures, numbering approximately 35 in Permit Year 8.	Palmer will continue to identify opportunities for storm sewer infrastructure improvements in connection with Chapter 90 projects.
Revised					

**7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) <<if applicable>>**

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					

**7a. Additions**


**7b. WLA Assessment**

**Part IV. Summary of Information Collected and Analyzed**

**Part V. Program Outputs & Accomplishments (OPTIONAL)**

(Since beginning of permit coverage unless specified otherwise by a \*\*, which indicates response is for period covering April 1, 2010 through March 31, 2011)

**Programmatic**

	(Preferred Units)	Response
Stormwater management position created/staffed	(y/n)	No
Annual program budget/expenditures **	(\$)	None
Total program expenditures since beginning of permit coverage	(\$)	
Funding mechanism(s) (General Fund, Enterprise, Utility, etc)		General Fund

**Education, Involvement, and Training**

Estimated number of property owners reached by education program(s)	(# or %)	70%
Stormwater management committee established	(y/n)	No
Stream teams established or supported	(# or y/n)	No
Shoreline clean-up participation or quantity of shoreline miles cleaned **	(y/n or mi.)	YES
Shoreline cleaned since beginning of permit coverage	(mi.)	
Household Hazardous Waste Collection Days		
▪ days sponsored **	(#)	0
▪ community participation **	(# or %)	Regional
▪ material collected **	(tons or gal)	Not Tracked
School curricula implemented	(y/n)	No

**Legal/Regulatory**

Regulatory Mechanism Status (indicate with "X")	In Place Prior to Phase II	Reviewing Existing Authorities	Drafted	Draft in Review	Adopted
▪ Illicit Discharge Detection & Elimination					x
▪ Erosion & Sediment Control					x
▪ Post-Development Stormwater Management					x
Accompanying Regulation Status (indicate with "X")					
▪ Illicit Discharge Detection & Elimination					x
▪ Erosion & Sediment Control					x
▪ Post-Development Stormwater Management					x

**Mapping and Illicit Discharges**

	(Preferred Units)	Response
Outfall mapping complete	(%)	100%
Estimated or actual number of outfalls	(#)	24
System-Wide mapping complete (complete storm sewer infrastructure)	(%)	25%
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	
▪ GIS	(%)	25%
Outfalls inspected/screened **	(# or %)	100%
Outfalls inspected/screened (Since beginning of permit coverage)	(# or %)	
Illicit discharges identified **	(#)	0
Illicit discharges identified (Since beginning of permit coverage)	(#)	
Illicit connections removed **	(#); and (est. gpd)	0
Illicit connections removed (Since beginning of permit coverage)	(#); and (est. gpd)	
% of population on sewer	(%)	80%
% of population on septic systems	(%)	20%



### Construction

	(Preferred Units)	Response
Number of construction starts (>1-acre) **	(#)	0
Estimated percentage of construction starts adequately regulated for erosion and sediment control **	(%)	100%
Site inspections completed **	(# or %)	0
Tickets/Stop work orders issued **	(# or %)	0
Fines collected **	(# and \$)	0
Complaints/concerns received from public **	(#)	0

### Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	100%
Site inspections (for proper BMP installation & operation) completed **	(# or %)	100%
BMP maintenance required through covenants, escrow, deed restrictions, etc.	(y/n)	
Low-impact development (LID) practices permitted and encouraged	(y/n)	

### Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets) **	(times/yr)	4
Average frequency of catch basin cleaning (commercial/arterial or other critical streets) **	(times/yr)	4
Qty of structures cleaned **	(#)	500
Qty. of storm drain cleaned **	(%, LF or mi.)	3 Mi
Qty. of screenings/debris removed from storm sewer infrastructure **	(lbs. or tons)	150+ Tons
Disposal or use of screenings (landfill, POTW, compost, beneficial use, etc.) **	(location)	Landfill, Compost

Basin Cleaning Costs		
• Annual budget/expenditure (labor & equipment)**	(\$)	
• Hourly or per basin contract rate **	(\$/hr or \$ per basin)	
• Disposal cost**	(\$)	
Cleaning Equipment		
• Clam shell truck(s) owned/leased	(#)	1
• Vacuum truck(s) owned/leased	(#)	
• Vacuum trucks specified in contracts	(y/n)	
• % Structures cleaned with clam shells **	(%)	
• % Structures cleaned with vactor **	(%)	100%

	(Preferred Units)	Response
Average frequency of street sweeping (non-commercial/non-arterial streets) **	(times/yr)	4 April – Nov
Average frequency of street sweeping (commercial/arterial or other critical streets) **	(times/yr)	5 April – Nov
Qty. of sand/debris collected by sweeping **	(lbs. or tons)	1,200 Tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.) **	(location)	Landfill, Compost
Annual Sweeping Costs		
• Annual budget/expenditure (labor & equipment)**	(\$)	0
• Hourly or lane mile contract rate **	(\$/hr. or in mi.)	0
• Disposal cost**	(\$)	0
Sweeping Equipment		
• Rotary brush street sweepers owned/leased	(#)	1
• Vacuum street sweepers owned/leased	(#)	0
• Vacuum street sweepers specified in contracts	(y/n)	0
• % Roads swept with rotary brush sweepers **	%	100%
• % Roads swept with vacuum sweepers **	%	0

Reduction (since beginning of permit coverage) in application on public land of:  
 ("N/A" = never used; "100%" = elimination)

▪ Fertilizers	(lbs. or %)	25%
▪ Herbicides	(lbs. or %)	<500 lb
▪ Pesticides	(lbs. or %)	N/A
Integrated Pest Management (IPM) Practices Implemented	(y/n)	

(Preferred Units) Response

Average Ratio of Anti-/De-Icing products used **	% NaCl % CaCl <sub>2</sub> % MgCl <sub>2</sub> % CMA % K <sub>ac</sub> % KCl % Sand	
(also identify chemicals and ratios used in specific areas, e.g., water supply protection areas)		
Pre-wetting techniques utilized **	(y/n or %)	Yes
Manual control spreaders used **	(y/n or %)	No
Zero-velocity spreaders used **	(y/n or %)	Yes
Estimated net reduction or increase in typical year salt/chemical application rate	(±lbs/ln mi. or %)	30%
Estimated net reduction or increase in typical year sand application rate **	(±lbs/ln mi. or %)	
% of salt/chemical pile(s) covered in storage shed(s)	(%)	30%
Storage shed(s) in design or under construction	(y/n or #)	No
100% of salt/chemical pile(s) covered in storage shed(s) by May 2008	(y/n)	Yes

**Water Supply Protection**

Storm water outfalls to public water supplies eliminated or relocated	# or y/n	
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Installed or planned treatment BMPs for public drinking water supplies and their protection areas	# or y/n	No
Treatment units induce infiltration within 500-feet of a wellhead protection area	# or y/n	No

Storm Drain Cleanout Reports

Month & Year 2012

Vehicle # V307

**OPERATION CODES**

- 1- Jet Rod
- 2- Vactored
- 3- TV Inspect
- 4- Visual Inspect
- 5- GIS
- 6- Dye Test
- 7- Root Cutting
- 8- Root Foam
- 9- Hand Rod
- 10- Cleaned Basin
- 11- Repair
- 12- Other

Date	Name(s)	Site Descp	P/M or Emer	Overtime Y/N	Operation Code	Start House #	Stop House #	Distance in Feet
1/5/2012	JIN,JEFF,KENNY,	A	P/M	N	4			
2/9/2012	ERNIE,JIM	A,I	P/M	N	1,2,10			
2/10/2012	JIM,KENNY,KEVI	A	P/M	N	10			
2/21/2012	KEVIN,KENNY,JI	C,I	P/M	N	1,2,6			241
2/21/2012	KEVIN,KENNY,JI	C,I	P/M	N	1,2			
2/22/2012	KEVIN,KENNY,J	C,I	P/M	N	1,2			330
2/22/2012	KEVIN,KENNY,J	C,I	P/M	N	1,2			
3/14/2012	JIM,ERNIE	A	P/M	N	10	2001		
3/14/2012	JIM,ERNIE	A	P/M	N	10	291		
3/14/2012	JIM,ERNIE	A	P/M	N	10	2002		
3/14/2012	JIM,ERNIE	A	P/M	N	10	2003		
3/15/2012	JIM,ERNIE	A	P/M	N	10	1003		
3/15/2012	JIM,ERNIE	A	P/M	N	10	1021		
3/15/2012	JIM,ERNIE	A	P/M	N	10	1006		
3/15/2012	JIM,ERNIE	A	P/M	N	10			
3/15/2012	JIM,ERNIE	A	P/M	N	10	1101		
3/15/2012	JIM,ERNIE	A	P/M	N	10	1097		
4/3/2012	MIKE B ,JIM	A	P/M	N	10	137		
4/3/2012	MIKE B ,JIM	A	P/M	N	10	104		
4/3/2012	KEVIN,JIM	A	P/M	N	10			
4/4/2012	MIKE B ,JIM	A	P/M	N	10			
4/4/2012	MIKE B ,JIM	A	P/M	N	10	104		
4/4/2012	KEVIN,JIM	A	P/M	N	10	189		
4/4/2012	MIKE B ,JIM	A	P/M	N	10	192		
4/4/2012	MIKE B ,JIM	A	P/M	N	10			
4/24/2012	MIKE B,JIM	A	EMER	N	6,10			
5/1/2012	TERRY,JIM	I	EMER	N	1			40
5/7/2012	JIM,MIKE B	C,I	P/M	N	1			95
5/7/2012	JIM,MIKE B	I	P/M	N	4			
5/16/2012	JIM,JARED	A	P/M	N	10	21		
5/23/2012	JIM,JARED	I	P/M	N	2	207		
5/23/2012	JIM,JARED	A	P/M	N	10	217		
6/14/2012	JIM,MIKE	A	P/M	N	10			
6/14/2012	JIM,MIKE	A	P/M	N	10			
6/21/2012	JIM,MIKE	A	P/M	N	10			
7/9/2012	JIM,MIKE	A	P/M	N	10			
7/10/2012	JIM	A	P/M	N	10			
7/10/2012	JIM	A	P/M	N	10			
7/10/2012	JIM	A	P/M	N	10			
7/10/2012	JIM	A	P/M	N	10			

7/10/2012	JIM	A	P/M	N	10
7/26/2012	JIM,MIKE	A	P/M	N	10
7/26/2012	JIM,MIKE	A	P/M	N	10
7/27/2012	JIM,MIKE	A	P/M	N	10
7/27/2012	JIM,MIKE	A	P/M	N	10
7/27/2012	JIM,MIKE	A	P/M	N	10
7/31/2012	JIM,MIKE	A	P/M	N	10
7/31/2012	JIM,MIKE	A	P/M	N	10
7/1/2012	JIM,MIKE	A	P/M	N	10
7/2/2012	JIM,MIKE	A	P/M	N	10
7/2/2012	JIM, MIKE	A	P/M	N	10
7/2/2012	JIM,MIKE	A	P/M	N	10
7/3/2012	JIM,MIKE	A	P/M	N	10
7/3/2012	JIM,MIKE	A	P/M	N	10
8/24/2012	JIM,RALPH	E, I	P/M	N	1,2
8/28/2012	JIM	A,B,C	P/M	N	4,6
8/28/2012	JIM, RALPH	A	P/M	N	10
9/11/2012	JIM,MIKE	A	P/M	N	10
9/11/2012	JIM,MIKE	A	P/M	N	10
9/11/2012	JIM, MIKE	J	P/M	N	12
9/11/2012	JIM.MIKE	A	P/M	N	2
9/11/2012	JIM,MIKE	A	P/M	N	2
9/12/2012	JIM,MIKE	A	P/M	N	2
9/12/2012	JIM,MIKE	A	P/M	N	2
9/12/2012	JIM,MIKE	A	P/M	N	2
9/12/2012	JIM,MIKE	I,C	P/M	N	2
9/13/2012	JIM,JEFF	J	P/M	N	2
9/21/2012	JIM,JEFF	A	P/M	N	2
9/21/2012	JIM/JEFFJIM/JEFF	A	P/M	N	1
9/26/2012	JIM/SCOTTY	I	P/M	N	1
10/2/2012	JIM,SCOTTY	A	P/M	N	10
10/3/2012	JIM,MIKE	A	P/M	N	10
10/24/2012	JIM,MIKE	A	P/M	N	10
10/24/2012	JIM,MIKE	A	P/M	N	10
10/24/2012	JIM,MIKE	I	P/M	N	2
10/26/2012	JIM,MIKE	A	P/M	N	10
10/26/2012	JIM,MIKE	A	P/M	N	10
10/26/2012	JIM,MIKE	A	P/M	N	10
10/26/2012	JIM,MIKE	A	P/M	N	4
11/13/2012	JIM,MIKE	A	P/M	N	10
12/4/2012	JIM,RALPH	A	P/M	N	10
12/5/2012	JINIS,MIKE,JIM,KE	B,I	EMER	N	11
12/18/2012	JIM,KENNY,KEVIN	I	EMER	N	4,6

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## SITE DESCRIPTION

<b>A-Catch Basin</b> <b>B- Mainline</b> <b>C- Manhole</b> <b>D- Inteceptor</b> <b>E- Syphon</b>	<b>F- Pump Station</b> <b>G- POTW</b> <b>H- CSO's</b> <b>I- Drainage</b> <b>J- Other</b>
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# CB  
CLEANE  
D

Location

HIGH ST THORNDIKE  
 NEW HAMPSHIRE AVE THREE RIVERS  
 THORNDIKE ST PALMER  
 MAIN & SCHOOL ST THORNDIKE  
 MAIN ST THORNDIKE  
 MAIN ST THORNDIKE  
 MAIN ST THORNDIKE  
 2001 OVERLOOK ST THREE RIVERS  
 291 BARKER ST THREE RIVERS  
 2002 OVERLOOK ST THREE RIVERS  
 2003 OVERLOOK ST THREE RIVERS  
 1003 CHURCH ST PALMER  
 1021 PLEASANT ST PALMER  
 1006 SCHOOL ST PALMER  
 SCHOOL ST PALMER  
 1101 PLEASANT ST PALMER  
 1097 PLEASANT ST PALMER  
 137 BRECKRIDGE ST PALMER  
 104 BRECKRIDGE ST PALMER  
 BRECKRIDGE ST PALMER  
 PINNEY ST PALMER  
 PINNEY ST PALMER  
 189 BRECKRIDGE ST PALMER  
 192 BRECKRIDGE ST PALMER  
 BRECKRIDGE ST PALMER

MONSON

RONDO RD PALMER  
 HIGH ST THORNDIKE  
 RONDO RD PALMER  
 21 THIRD ST BONDSVILLE  
 207 OLD WARREN RD PALMER  
 217 OLD WARREN RD PALMER  
 LAWRENCE ST. PALMER  
 MASON ST. PALMER  
 STEWART ST. PALMER  
 SMITH ST PALMER  
 WING MEMORIAL  
 WING MEMORIAL  
 WING MEMORIAL  
 WING MEMORIAL



WING MEMORIAL  
COUNTRYSIDE DRIVE THORNDIKE  
LAUREN RD. THORNDIKE  
COUNTRYSIDE DRIVE THORNDIKE  
JIM ASH BONDSVILLE  
BEECH ST. PALMER  
LAUREN RD. THORNDIKE  
BRITTANY DR PALMER  
KELLY / HIGH ST. THREE RIVERS  
HIGH ST. THREE RIVERS  
PARK AVE. THREE RIVERS  
MAIN STREET THREE RIVERS  
MAPLE ST. THREE RIVERS  
MAPLE TERRACE THREE RIVERS  
THORNDIKE PARK  
BONDSVILLE MAIN STREET  
S. MAIN & PINE BONDSVILLE  
OLD THOMPSON ROAD  
JUNCTION VARIETY  
JUNCTION VARIETY  
HILL & PETERSON ROAD  
HILL STREET  
JUNCTION VARIETY  
CIRCLE DRIVE  
CIRCLE DRIVE  
STEWART ST. BONDSVILLE  
THORNDIKE PARK  
NIPMUCK & MASON STREETS  
ALLEN STREET  
RONDEAU ROAD  
CHURCH STREET THORNDIKE  
CHURCH STREET THORNDIKE  
MAIN ST PALMER  
FLYNT ST PALMER  
OLD WARREN ROAD PALMER  
LAWRENCE ST. PALMER  
MAIN ST PALMER  
THORNDIKE ST PALMER  
MAIN ST PALMER  
MAIN ST THREE RIVER  
MAIN ST THREE RIVER  
MAIN ST THREE RIVER  
SPRING ST BONDSVILLE

**Description of Work**

CHECK WHERE GOES IN CATCHBASIN HIGH ST THORNDIKE	HIGT
WENT TO NEW HAMPSHIRE AVE TO CLEAN CATCHBASIN AND DRAIN LINE . WAS TOLI	NEWT
CLEAN 3 CATCHBASIN BY WENDY'S & BERTERA AUTO FROM WATER BREAK DAY BEF	THOP
JET ROD MAIN & SCHOOL ST THORNDIKE 241 FT BACK TO SCHOOL DRAIN LINE THAT	MAIT
JET ROD MANHOLE DOWN LINE ON MAIN ST BACK TO MAIN & SCHOOL ST MANHOLE	MAIT
JET ROD MANHOLE BY SCHOOL ST IN 2ND LINE BACK UP LINE TO SCHOOLS 330 FT	MAIT
JET ROD MAIN & COMMERCIAL ST BACK TO MAIN & SCHOOL ST	MAIT
2001 OVERLOOK ST CLEAN CATCHBASIN	OVET
291 BARKER ST THREE RIVERS CLEAN CATCHBASIN	BART
2002 OVERLOOK ST CLEAN CATCHBASIN	OVET
2003 OVERLOOK ST CLEAN CATCHBASIN	OVET
CLEAN 2 CATCHBASIN ON CHURCH ST PALMER	CHUP
CLEAN 1 CATCHBASIN PLEASANT ST PALMER	PLEP
CLEAN 2 CATCHBASIN ON SCHOOL ST PALMER SINK HOLE FORMING AROUND EDGE	SCHP
CLEAN 1 CATCHBASIN SCHOOL & PARK ST PALMER	SCHP
CLEAN 1 CATCHBASIN PLEASANT ST PALMER	PLEP
CLEAN CATCHBASIN PLEASANT ST PALMER	PLEP
CLEAN 2 CATCHBASIN 137 BRECKRIDGE ST PALMER	BREP
CLEAN 2 CATCHBASIN 104 BRECKRIDGE ST PALMER SQUARE COVER WAS BROKEN	BREP
CLEAN 5 CATCHBASIN ON BRECKRIDGE ST PALMER GOING DOWN TO PENNY ST	BREP
CLEAN DROP INLET ON PINNEY ST PLUS MANHOLE	PINP
CLEAN 3 CATCHBASIN ON PINNEY & GEORGE ST PALMER	PINP
CLEAN 2 CATCHBASIN AT 189 BRECKRIDGE ST PALMER	BREP
CLEAN 2 CATCHBASIN 192 BRECKRIDGE ST PALMER	BREP
CLEAN 2 CATCHBASIN BRECKRIDGE & OFF BRECKRIDGE ST PALMER	BREP
WENT TO MONSON TO VACTOR OUT CATCHBASIN AND DUMP WATER DOWN CATCHI	MONS
JET ROD PIPE 40 FT STICKS BROKE LOOSES AND OPEN UP PIPE	RONP
JET ROD 95 FT BEHIND THE JUNCTION BACK TO MANHOLE IN RD ON HIGH ST COMIN	HIGT
CHECK OUT RONDO RD FLOWING GOOD	RONP
CLEAN CATCHBASIN 21 THIRD ST BONDSVILLE	THIB
207 OLD WARREN ROAD CLEAN COLVERT PIPE AND DIRT BUILDUP	OLDP
217 OLD WARREN ROAD CLEAN CATCHBASIN	OLDP
CLEANED BASIN COVER	LAWP
CLEANED OUT BASIN	MASP
CLEANED CATCH BASIN ON STEWART & CREST ST.	STEP
CLEANED OUT DROP INLET WALLS DETERIORATING	SMIP
CLEANED 3 BASINS BOTTOM PARKING LOT	WIMP
CLEANED 3 BASINS MEDICAL PARKING LOT	WIMP
CLEANED 6 BASINS GRISWALD CENTER	WIMP
CLEANED 1 BASIN IN HOLE BY GRISWALD CENTER	WIMP

CLEANED 2 BASINS EMERGENCY ROOM	WIMP
CLEANED 6 BASINS ON COUNTRYSIDE DRIVE	COUT
CLEANED 6 BASINS ON LAUREN RD.	LAUP
CLEANED 9 BASINS ON LAUREN DRIVE	LAUP
CLEANED DEBRIS FROM ROADWAY	JIMB
CLEANED DEBRIS FROM ROADWAY	BEEP
CLEANED 4 BASINS ON LAUREN ROAD	LAUP
CLEANED 2 BASINS ON BRITTANY DRIVE	BRITP
CLEANED 6 BASINS ON KELLY & HIGH ST	KELT
CLEANED 2 BASINS ON HIGH ST	HIGT
CLEANED 2 BASINS ON PARK AVE	PARP
CLEANED 1 BASIN ON MAIN ST	MAIT
CLEANED 3 BASINS ON MAPLE ST	MAPT
CLEANED 7 BASINS ON MAPLE TERRACE	MAPT
SYPHON PARK AND JET ROD DRAINS	THOT
DRAIN IN SEWER ISSUE DETERMINE CAUSE	MAIB
CLEAN CATCH BASIN	PINB
CLEANED CATCH BASIN	OLDP
CLEANED DOUBLE CATCH BASIN	JUNT
CLEANED DROP INLET WITH STEEL PLATE	JUNT
CLEANED TWO CATCH BASINS	HILP
CLEANED CATCH BASIN PREP FOR MORRISON	HILP
CLEANED M.H. BEHIND JUNCTION VARIETY	JUNT
CLEANED M.H. CIRCLE DRIVE	CIRP
CLEANED OUT 5 CATCH BASINS	CIRP
CLEANED OUT DRAIN/MANHOLE	STEB
VACTORED PARK COURT	THOT
CLEANED 2 CATCH BASINS	NIPP
SPRAYED OUT MANHOLES	ALLP
J.R. DRAIN PIPE TO REMOVE DEBRIS	RONP
CLEANED 9 BASINS FROM CHURCH TO CASCADE	CHUT
CLEAN 8 CATCHBASIN CHURCH & PLEASANT ST THORNIDKE	CHUT
CLEAN OUT CATCHBASIN ACROSS FROM CAPITAL CLEANER	MAIP
CLEAN 4 CATCHBASIN FLYNT ST PALMER	FLYP
CLEAN DRAIN PIPE UNDER DRIVEWAY ON OLD WARREN ROAD 30 FT	OLDP
CLEAN 2 CATCHBASIN ON LAWRENCE ST PALMER	LAWP
CLEANBASIN ON MAIN ST AND SHAW ST PALMER BLOCKS ARE CAVING IN AND FRAM	MAIP
CLEAN 3 CATCHBASIN THORNDIKE ST BY CEMATARY PALMER	THOP
CHECK 3 CATCHBASIN MAIN ST PALMER BY PUMP STATION # 1 THEY WERE OK	MAIP
CLEAN OUT CATCH BASIN IN PARKING LOT OF CHURCH IN THREE RIVER	MAIT
CLEAN CATCH BASIN IN FRONT OF PACKAGE STORE MAIN ST THREE RIVER	MAIT
PLUG UP DRAIN LINE AND SEWER LINE MAIN ST THREE RIVER WITH CONCRETE THA	MAIT
DYE TEST DRAIN LINE IN BACK YARD OF HOUSE SPRING ST BONDSVILLE	SPRB