



**Pierce County**  
Planning & Public Works

2702 South 42nd Street, Suite 109  
Tacoma, Washington 98409-7315  
piercecounitywa.gov/ppw

**Dennis Hanberg**—Director  
dennis.hanberg@piercecounitywa.gov



June 1, 2020

Site ID # 15527  
Inspector: Chris Gallagher

JC Higgins & Associates  
Attn: Lorne Martin, Community Association Manager  
PO Box 731029  
Puyallup, WA 98383

**Subject: Annual Stormwater Management Facilities Inspection Results**  
Southridge – Silver Creek  
87<sup>th</sup> Ave E & 184<sup>th</sup> St E, Puyallup, WA 98375

Dear Lorne Martin,

On March 27, 2020, Pierce County Surface Water Management inspection staff conducted an annual inspection of the stormwater management facilities that serve the South Ridge – Silver Creek subdivision.

The inspection of your stormwater management facilities documented the following maintenance that must be implemented in order to meet Pierce County maintenance standards, ensure your stormwater facilities function as designed, and to remain in the Credit Program.

**Required Maintenance, Repairs and BMPs:**

**1. Catch Basins**

(refer to maintenance checklist #5 – Catch Basins enclosed)

- a. Remove sediment and debris from 15 catch basins throughout the subdivision. Sediment levels in these catch basins exceed maintenance standards. Refer to the enclosed map for the locations of the catch basins with required maintenance.

Pierce County Public Works, Surface Water Management, conducts annual inspections of private stormwater management facilities throughout the County for proper implementation of maintenance standards and source control best management practices (BMPs).

The Planning & Public Works Director has since authorized a one-time opportunity for the reinstatement of the South Ridge subdivision to the Pre-2017 Credit Program for 2021 with 85% credit if the subdivision meets the requirements for the Pre-2017 Credit Program in 2020. This includes:

- Compliance with maintenance and Best Management Practices (BMP) standards,

- Submit a 5-year recertification form for by October 1, 2020,
- All maintenance completed and verified by the Owner of Record by October 1, 2020.

I have tentatively scheduled a re-inspection in October to ensure the deficiencies have been addressed and your facilities meet or exceed current NPDES Stormwater Permit requirements. Failure to make the identified corrections and submit the Recertification form by October 1, 2020 will result in denial to be reinstated into the Credit Program. If the maintenance is completed prior to the deadline, please contact your inspector to schedule a re-inspection.

Should you fail to implement the required maintenance and BMPs within the Credit Program's timeline, you will still be subject to the maintenance timelines imposed through Pierce County's Phase 1 Municipal Stormwater Permit. The permit allows the County one year to bring facilities into compliance.

Maintenance standards are set forth in the County's 2015 Stormwater Management and Site Development Manual (Stormwater Manual) and codified in Chapter 11.05.050.A of Pierce County Code. To download or review a copy of the Stormwater Manual, go to;  
<http://piercescountywa.org/index.aspx?nid=2969>.

I addressed this letter to the listed property owner(s) or property representative on record. If you are no longer the property owner or property representative, or you have hired a Property Management Company to maintain your system, call me to update our records.

I can be reached at (253) 798-2493 or email me at [PCSWMCredit@co.pierce.wa.us](mailto:PCSWMCredit@co.pierce.wa.us); be sure to reference your **Site ID#**, listed at the top of this letter, with all correspondence.

Sincerely,

A handwritten signature in blue ink, appearing to read "Chris Gallagher", with a stylized flourish at the end.

Chris Gallagher  
Water Quality Specialist

CG:KJ

Enc: Inspection Results Map, Checklists, Credit Program Recertification Form  
Cc: File  
Silver Creek HOA Board



**Required Maintenance:**

- Remove sediment and debris from the 15 catch basins circled in red.



- |                        |                                 |                   |                      |
|------------------------|---------------------------------|-------------------|----------------------|
| Inspection Site        | <b>Drain Structure</b>          | Access Lids       | Open Channel Barrier |
| Approx Parcel Location | Catch Basin - Type1             | Network Structure | Perforated Pipe      |
|                        | Catch Basin - Type2             | Inlet Component   | Solid Pipe           |
|                        | Curb Inlet                      | Outlet Component  | Pond Cell            |
|                        | Man Hole with mechanical filter |                   |                      |
|                        | Manhole                         |                   |                      |



0 25 50 100 150 Feet  
 Aerial Photo from 2018  
 Created: 4/28/2020

The map features are approximate and are intended only to provide an indication of site features. Additional areas that have not been mapped may be present. This is not a survey. The County assumes no liability for variations ascertained by actual survey. ALL DATA IS EXPRESSLY PROVIDED "AS IS" AND "WITH ALL FAULTS". The County makes no warranty of fitness for a particular purpose.



**#5 – Maintenance Checklist for Catch Basins:**

<b>Drainage System Feature</b>	<b>Defect or Problem</b>	<b>Condition When Maintenance Is Needed</b>	<b>Results Expected When Maintenance Is Performed</b>
General	"Dump no pollutants" (or similar) stencil or stamp not visible	Stencil or stamp should be visible and easily read.	Warning signs (e.g., "Dump No Waste-Drains to Stream" or "Only rain down the drain"/ "Puget Sound starts here") painted or embossed on or adjacent to all storm drain inlets.
General	Trash and Debris	Trash or debris which is located immediately in front of the catch basin opening or is blocking inlet capacity by more than 10 percent.	No trash or debris located immediately in front of catch basin or on grate opening.
General	Trash and Debris	Trash or debris (in the basin) that exceeds 60 percent of the sump depth as measured from the bottom of basin to invert of the lowest pipe into or out of the basin, but in no case less than a minimum of 6 inches clearance from the debris surface to the invert of the lowest pipe.	No trash or debris in the catch basin.
General	Trash and Debris	Trash or debris in any inlet or outlet pipe blocking more than one-third of its height.	Inlet and outlet pipes free of trash or debris.
General	Trash and Debris	Dead animals or vegetation that could generate odors that could cause complaints or dangerous gases (e.g., methane).	No dead animals or vegetation present within the catch basin.
General	Sediment	Sediment (in the basin) that exceeds 60 percent of the sump depth as measured from the bottom of basin to invert of the lowest pipe into or out of the basin, but in no case less than a minimum of 6 inches clearance from the sediment surface to the invert of the lowest pipe.	No sediment in the catch basin.
General	Structure Damage to Frame and/or Top Slab	Top slab has holes larger than 2 square inches or cracks wider than one-fourth inch.	No holes and cracks in the top slab allowing material to run into the basin.
General	Structure Damage to Frame and/or Top Slab	Frame not sitting flush on top slab, i.e., separation of more than three-fourth inch of the frame from the top slab. Frame not securely attached.	Frame is sitting flush on the riser rings or top slab and firmly attached.
General	Fractures or Cracks in Basin Walls/ Bottom	Maintenance person judges that structure is unsound.	Basin replaced or repaired to design standards.
General	Fractures or Cracks in Basin Walls/ Bottom	Grout fillet has separated or cracked wider than one-half-inch and longer than 1 foot at the joint of any inlet/outlet pipe or any evidence of soil particles entering catch basin through cracks.	Pipe is regouted and secure at basin wall.
General	Settlement/ Misalignment	If failure of basin has created a safety, function, or design problem.	Basin replaced or repaired to design standards.
General	Vegetation	Vegetation growing across and blocking more than 10 percent of the basin opening.	No vegetation blocking opening to basin.

### #5 – Maintenance Checklist for Catch Basins:

Drainage System Feature	Defect or Problem	Condition When Maintenance Is Needed	Results Expected When Maintenance Is Performed
General	Vegetation	Vegetation growing in inlet/outlet pipe joints that is more than 6 inches tall and less than 6 inches apart.	No vegetation or root growth present.
General	Contamination and Pollution	Any evidence of oil, gasoline, contaminants or other pollutants.	No contaminants or pollutants present. <i>(Coordinate removal/cleanup with Pierce County Surface Water Management 253-798-2725 and/or Dept. of Ecology Spill Response 800-424-8802.)</i>
Catch Basin Cover	Cover Not in Place	Cover is missing or only partially in place. Any open catch basin requires maintenance.	Catch basin cover is in place and secured.
Catch Basin Cover	Locking Mechanism Not Working	Mechanism cannot be opened by one maintenance person with proper tools. Bolts into frame have less than one-half-inch of thread.	Mechanism opens with proper tools.
Catch Basin Cover	Cover Difficult to Remove	One maintenance person cannot remove lid after applying normal lifting pressure. (Intent is keep cover from sealing off access to maintenance.)	Cover can be removed by one maintenance person.
Ladder	Ladder Rungs Unsafe	Ladder is unsafe due to missing rungs, not securely attached to basin wall, misalignment, rust, cracks, or sharp edges.	Ladder meets design standards and allows maintenance person safe access.
Grates	Grate Opening Unsafe	Grate with opening wider than seven-eighths of an inch.	Grate opening meets design standards.
Grates	Trash and Debris	Trash and debris that is blocking more than 20 percent of grate surface inletting capacity.	Grate free of trash and debris.
Grates	Damaged or Missing	Grate missing or broken member(s) of the grate.	Grate is in place and meets design standards.

If you are unsure whether a problem exists, contact a professional engineer.



Pierce County

# Credit Program 5-Year Recertification

Pierce County Surface Water Management  
Attn: SWM Credit Program  
2702 S. 42<sup>nd</sup> St., Suite 201  
Tacoma, WA 98409-7322  
[pcswmcredit@co.pierce.wa.us](mailto:pcswmcredit@co.pierce.wa.us)  
(253) 798-2725

**SUBMITTAL DEADLINE: No Later Than October 1<sup>st</sup>, 2020**

**Site ID #: 15527**

Recertification is for Credit in: 2021

**\*Completion of the entire form is required\***

## COUNTY USE ONLY

Application Received \_\_\_\_\_

Credit Percentage Granted \_\_\_\_\_

Approved by \_\_\_\_\_ Date \_\_\_\_\_

### Part 1 Tax Parcels to be Granted Credit

Note: Refer to attached addendum for list of tax parcels to be granted credit.

### Part 2 Property Owner or Property Representative Information

Full Name/ Company:

Name of Company Contact:

Title:

Phone:

Cell:

Email:

Postal Address:

City:

State:

ZIP:

### Part 3 Engineer's Statement of Certification

I have physically inspected the drainage facilities that manage stormwater flows from the listed parcels on this form, on \_\_\_\_\_ (date), including the entire collection system within the property limits; all detention and/or retention facilities, control structures, and conveyance features of the facilities. I have reviewed the drainage facilities in accordance with the engineered plans and calculations dated, \_\_\_\_\_. I hereby certify that this system has been properly maintained, is operating as designed, and has not been altered in the last five (5) years; if alterations were done to the stormwater facilities, contact the Credit Program Administrator immediately.

\_\_\_\_\_  
Signature of Property Owner's Engineer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Washington State Engineering License Number



**Part 4****Property Owner's or Property Representative's Statement of Certification**

This recertification is to request continued credit towards the Pierce County Utility Service Charge, applied to parcels within unincorporated Pierce County, as authorized by PCC 11.02.050. I understand that Code Title 11, Chapter 11.02, governs the qualification for service charge credit. I understand credit is given for sites with properly maintained and functioning drainage facilities. I understand all costs associated with the certification, operation, and maintenance of the drainage facilities are the responsibility of the property owner.

I hereby certify all specified maintenance has been performed in accordance with the facilities operation and maintenance manual, and to Pierce County standard; as outlined in a letter sent to me by the County Stormwater Inspector. Additionally, **there have been no alterations to the drainage facilities since the last service charge credit was assessed; if alterations were done to the stormwater facilities, contact the Credit Program Administrator immediately.**

\_\_\_\_\_  
Signature of Property Owner or Property Representative

\_\_\_\_\_  
Date

**Part 5****Drainage Facility Alterations**

- ☐ Drainage facility alterations are **not** planned.
- ☐ Drainage facility alterations **are** planned.

**IF drainage facility alterations are being considered, the following shall be prepared and stamped by the Owner's Engineer and submitted no later than June 1<sup>st</sup> of the year prior to the facility alterations.**

- A copy of the completed permit from Pierce County Planning and Land Services, Engineering Department.
- A copy of the revised Engineering Drainage Report.
- A copy of the revised "As Constructed Plans" (as-builts).
- A new Maintenance and Operation Plan.

## Part 1: Addendum

Site location and tax parcels previously granted credit.

Site Names	Southridge – Silver Creek Subdivision
Site ID #	15527

Parcel	Credit
6025230010	85%
6025230020	85%
6025230030	85%
6025230040	85%
6025230050	85%
6025230060	85%
6025230070	85%
6025230080	85%
6025230090	85%
6025230100	85%
6025230110	85%
6025230120	85%
6025230130	85%
6025230140	85%
6025230150	85%
6025230160	85%
6025230170	85%
6025230180	85%
6025230190	85%
6025230200	85%
6025230210	85%
6025230220	85%
6025230230	85%
6025230240	85%
6025230250	85%
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6025230280	85%
6025230290	85%
6025230300	85%
6025230310	85%
6025230320	85%
6025230330	85%

Parcel	Credit
6025230340	85%
6025230350	85%
6025230360	85%
6025230370	85%
6025230380	85%
6025230390	85%
6025230400	85%
6025230410	85%
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Parcel	Credit
6025230680	85%
6025230690	85%
6025230700	85%
6025230710	85%
6025230720	85%
6025230730	85%
6025230740	85%
6025230750	85%
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