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RASHELLE HOBBS
 RECORDER, SALT LAKE COUNTY, UTAH
 CITY OF DRAPER
 1020 E PIONEER RD
 DRAPER UT 84020
 BY: BRH, DEPUTY - MA 33 P.

When recorded, mail to:

Draper City Recorder
 1020 East Pioneer Road
 Draper City, Utah 84020

Affects Parcel No(s): 2831255020 (lots 1-4)

STORMWATER POLLUTION PREVENTION MAINTENANCE AGREEMENT

This Stormwater Pollution Prevention Maintenance Agreement ("Agreement") is made and entered into this 28th day of May, 2019, by and between Draper City, a Utah municipal corporation ("City"), and Ken Keller, an individual ("Owner").

RECITALS

WHEREAS, the City is authorized and required to regulate and control the disposition of storm and surface waters, as set forth in the Draper City Municipal Code Chapter 16-2, as amended ("Ordinance"), adopted pursuant to the Utah Water Quality Act, as set forth in *Utah Code Ann. §§ 19-5-101, et seq.*, as amended ("Act"); and

WHEREAS, the Owner hereby represents and acknowledges that it is the owner in fee simple of certain real property more particularly described in Exhibit "A," attached hereto and incorporated herein by this reference ("Property"); and

WHEREAS, the Owner desires to build or develop the Property and/or to conduct certain regulated construction activities on the Property which will alter existing storm and surface water conditions on the Property and/or adjacent lands; or

WHEREAS, the Owner's existing property was completed after January 1, 2003; disturbed an area greater than or equal to one acre, or disturbed less than one acre and is part of a larger common plan of development or sale; and is served by a private on-site stormwater management facility; and

WHEREAS, in order to accommodate and regulate storm and surface water flow conditions, the Owner is required by federal, state, and local law to build and maintain at Owner's expense a storm and surface water management facility or improvements ("Stormwater Facilities"); and

WHEREAS, the Stormwater Facilities are more particularly described and shown in the final site plan or subdivision approved for the Property and related engineering drawings, and any amendments thereto, which plans and drawings are on file with the City and are hereby incorporated herein by this reference ("Development Plan"); and

WHEREAS, the summary description of all Stormwater Facilities, details and all appurtenance draining to and affecting the Stormwater Facilities and establishing the standard operation and routine maintenance procedures for the Stormwater Facilities, and control measures installed on the Property, ("Stormwater Maintenance and Preservation Plan") is more particularly shown in Exhibit "B" on file with the County Recorder's Office; and

WHEREAS, a condition of Development Plan approval, and as required as part of the City's Small MS4 UPDES General Permit from the State of Utah, Owner is required to enter into this Agreement establishing a means of documenting the execution of the Stormwater Maintenance and Preservation Plan; and

NOW, THEREFORE, in consideration of the benefits received and to be received by the Owner, its successors and assigns, as a result of the City's approval of the Stormwater Maintenance and Preservation Plan, and the mutual covenants contained herein, the parties agree as follows:

Section 1

Construction of Stormwater Facilities. The Owner shall, at its sole cost and expense, construct the Stormwater Facilities in accordance with the Development Plans and specifications, and any amendments thereto which have been approved by the City.

Section 2

Maintenance of Stormwater Facilities. The Owner shall, at its sole cost and expense, adequately maintain the Stormwater Facilities. Owner's maintenance obligations shall include all systems and appurtenances built to convey stormwater, as well as all structures, improvements, and vegetation provided to control the quantity and quality of the stormwater. Adequate maintenance, for purposes of this Agreement, is defined as good working condition so that the Stormwater Facilities are performing their design functions. The Owner shall, at its sole cost and expense, perform all work necessary to keep the Stormwater Facilities in good working condition.

Section 3

Annual Maintenance Report of Stormwater Facilities. The Owner shall, at its sole cost and expense, inspect the Stormwater Facilities and submit an inspection report and certification to the City. The purpose of the inspection and certification is to assure safe

and proper functioning of the Stormwater Facilities. The annual inspection shall cover all aspects of the Stormwater Facilities, including, but not limited to, the parking lots, structural improvements, berms, channels, outlet structure, pond areas, access roads, vegetation, landscaping, etc. Deficiencies shall be noted in the inspection report. The report shall also contain a certification by the Owner, or the Owner's officers, employees, agents, and representatives as to whether adequate maintenance has been performed and whether the structural controls are operating as designed to protect water quality. The annual inspection report and certification shall be due by July 31st of each year and shall be on forms acceptable to the City.

Section 4

City Oversight Inspection Authority. The Owner hereby grants permission to the City, its authorized agents and employees, to enter upon the Property and to inspect the Stormwater Facilities upon reasonable notice to the Owner of at least three business days. Such inspections shall be conducted in a reasonable manner and at reasonable times, as determined appropriate by the City. The purpose of the inspection shall be to determine and ensure that the Stormwater Facilities are being adequately maintained, are continuing to perform in an adequate manner, and are in compliance with the Act, the Ordinance, and the Stormwater Facilities Maintenance Plan.

Section 5

Notice of Deficiencies. If the City finds that the Stormwater Facilities contain any defects or are not being maintained adequately, the City shall send Owner written notice of the defects or deficiencies and provide Owner with a reasonable time, but not less than sixty (60) days, to cure such defects or deficiencies. Such notice shall be confirmed delivery to the Owner or sent certified mail to the Owner at the address listed with the County Tax Assessor.

Section 6

Owner to Make Repairs. The Owner shall, at its sole cost and expense, make such repairs, inspections, changes or modifications to the Stormwater Facilities as may be determined as reasonably necessary by the City within the required cure period to ensure that the Stormwater Facilities are adequately maintained and continue to operate as designed and approved.

Section 7

City's Corrective Action Authority. In the event the Owner fails to adequately maintain the Stormwater Facilities in good working condition acceptable to the City, the City may correct a violation of the design standards or maintenance needs by performing all necessary work to place the facility in proper working condition. Prior to commencing work the City shall have complied with Section 5 and given Owner a second notice to cure or correct within 15 days served according to the delivery methods described in Section 5. It is expressly understood and agreed that the City is under no obligation to maintain or repair the Stormwater Facilities, and in no event shall this Agreement be construed to impose any such obligation on the City. The actions described in this Section are in addition to and not in lieu of any and all equitable remedies available to

the City as provided by law for Owner's failure to remedy deficiencies or any other failure to perform under the terms and conditions of this Agreement.

Section 8

Reimbursement of Costs. In the event the City, pursuant to this Agreement, incurs any costs, or expends any funds resulting from enforcement or cost for labor, inspections, use of equipment, supplies, materials, and the like related to storm drain disconnection from the City system, the Owner shall reimburse the City upon demand, within thirty (30) days of receipt thereof for all actual costs incurred by the City. Owner shall also be liable for any collection costs, including attorneys' fees and court costs, incurred by the City in collection of delinquent payments.

Section 9

Successor and Assigns. This Agreement shall be recorded in the County Recorder's Office and the covenants and agreements contained herein shall run with the land and whenever the Property shall be held, sold, conveyed or otherwise transferred, it shall be subject to the covenants, stipulations, agreements and provisions of this Agreement which shall apply to, bind and be obligatory upon the Owner hereto, its successors and assigns, and shall bind all present and subsequent owners of the Property described herein.

Section 10

Severability Clause. The provisions of this Agreement shall be severable and if any phrase, clause, sentence or provision is declared unconstitutional, or the applicability thereof to the Owner, its successors and assigns, is held invalid, the remainder of this Covenant shall not be affected thereby.

Section 11

Utah Law and Venue. This Agreement shall be interpreted under the laws of the State of Utah. Any and all suits for any claims or for any and every breach or dispute arising out of this Agreement shall be maintained in the appropriate court of competent jurisdiction in Salt Lake County, Utah.

Section 12

Indemnification. This Agreement imposes no liability of any kind whatsoever on the City. The Owner hereby agrees to indemnify and hold the City and its officers, employees, agents and representatives from and against all actions, claims, lawsuits, proceedings, liability, damages, accidents, casualties, losses, claims, and expenses (including attorneys' fees and court costs) that directly result from the performance of this agreement, but only to the extent the same are caused by any negligent or wrongful act or omissions of the Owner, or the Owner's officers, employees, agents, and representatives.

Section 13

Amendments. This Agreement shall not be modified except by written instrument executed by the City and the Owner of the Property at the time of modification, and no modification shall be effective until recorded in the County Recorder's Office.

Section 14

Exhibit B. Stormwater Maintenance and Preservation Plan (SWMP) must adapt to change in good judgment when site conditions and operations change and when existing programs are ineffective. Exhibit B shall be filed with this agreement at the County Recorder's Office.

STORMWATER POLLUTION PREVENTION MAINTENANCE AGREEMENT

SO AGREED this 28th day of May 2019.

PROPERTY OWNER

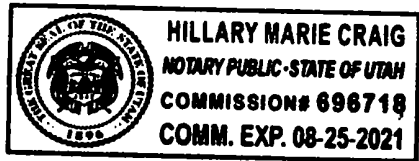
By: Ken Keller Title: Owner

By: _____ Title: _____

STATE OF UTAH)
:ss.
COUNTY OF)

The above instrument was acknowledged before me by Kenneth Keller, this 29 day of May, 2019.

Hillary Marie Craig
Notary Public
Residing in: Catt Lake City
My commission expires: 08/25/2021

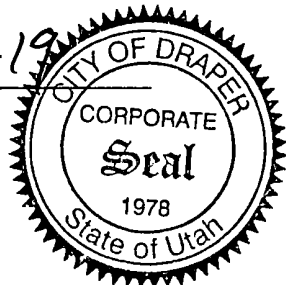


DRAPER CITY

By: Troy Walker
Mayor Troy Walker, Draper City

Date: 12-19-19

Attest: Rawal Scason
City Recorder



Approve to form: [Signature]
City Attorney

Attachments:

Exhibit A: Plat and Legal Description

Exhibit B: Stormwater Maintenance and Preservation Plan

EXHIBIT A

(PARCEL NO. 28-31-255-020)

BEGINNING AT A POINT ON THE EASTERLY LINE OF 300 EAST STREET, SAID POINT BEING SOUTH 00°05'37" WEST 2836.86 FEET AND SOUTH 89°38'57" EAST 24.50 FEET AND EAST 12.23 FEET FROM THE NORTH QUARTER CORNER OF SECTION 31, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN AND RUNNING THENCE NORTH NORTH 00°05'21" EAST 260.35 FEET; THENCE EAST 239.37 FEET; THENCE SOUTH 00°05'37" WEST 260.35 FEET; THENCE WEST 239.35 FEET, TO THE POINT OF BEGINNING.

CONTAINS: 62,319 SQ.FT. OR 1.431 ACRES (4 LOTS)

PURPOSE AND RESPONSIBILITY

As required by the Clean Water Act and resultant local regulations, including Draper City Municipal Separate Storm Sewer Systems (MS4) Permit, those who develop land are required to build and maintain systems to minimize litter and contaminants in stormwater runoff that pollute waters of the State.

This Long-Term Stormwater Management Plan (LTSWMP) describes the systems, operations and the minimum standard operating procedures (SOPs) necessary to manage pollutants originating from or generated on this property. Any activities or site operations at this property that contaminate water entering the City's stormwater system and generate loose litter must be prohibited, unless SOPs are written to manage those activities or operations, and amended into this LTSWMP.

The Willow Creek is impaired and has a TMDL. The LTSWMP is aimed at addressing these impairments in addition to all other pollutants that can be generated by this property.

CONTENTS

SECTION 1: SITE DESCRIPTION, USE AND IMPACT

SECTION 2: TRAINING

SECTION 3: RECORDKEEPING

SECTION 4: APPENDICES

SECTION 1: SITE DESCRIPTION, USE AND IMPACT

The site infrastructure and operations described in this Section are limited at controlling and containing pollutants that if managed improperly can contaminate the environment. The LTSWMP includes standard operations procedures (SOP)s that are intended to compensate for the limitations of the site infrastructure. The property manager must use good judgment and conduct operations appropriately, doing as much as possible indoors and responsibly managing operations that must be performed outdoors. The drawings describing the infrastructure are included in Appendix A. The SOPs for the following operations exposed to the weather are filed in Appendix B.

Impervious Areas, Parking, Sidewalk and Patio

The proposed site is 31% impervious surface, primarily roofs and the private asphalt driveway including some concrete driveways. The site is flat and slopes slightly towards the west and any sediment, debris, fluids or any other wastes collected in the system will be carried by runoff to the storm drain detention pond before being discharged to the public storm water system in 300 East. Any potential waste material will settle in our storm drain system and any material dissolving in the runoff will settle into our ground, increasing the chance of groundwater pollution. In storms exceeding the 100-year 3-hour storm, the storm water will go into Draper City's storm drain system and may pollute the Willow Creek. Maintenance involves regular sweeping, but it can also involve pavement washing to remove stains, slick spots and appearance when necessary. The General Construction Maintenance, Pavement Maintenance and Pavement Washing SOPs are used to manage the pollutants associated with pavements.

Storm Drain System

A stormwater inlet is located on the north side of the private driveway. During a normal storm, storm water will sheet flow and be conveyed by the curb and gutter then flow through the onsite drainage system into a retention pond in the northwest corner of the property. In the events exceeding the 100-year storm, stormwater will rise to the highwater mark on the detention pond and bubble up in in the storm drain inlet and top the sidewalk and flow to the public right of way in 300 East. The Storm Drain Maintenance SOP is written to control and manage this system.

Landscaping

In this site, 69% of the entire property is landscape. Our landscape operations can result in grass clippings, sticks, branches, dirt, mulch, fertilizers, pesticides and other pollutants to fall or be left on our paved areas. This waste material will settle in our storm drain system increasing maintenance cost and solid and dissolved waste in our runoff can pass through our storm drain system ultimately polluting the Willow Creek. The primary pollutants that could impact the creek is organic materials, so it is vital that our paved areas with direct connection to the City storm drain systems remain clean of landscape debris. Use our Landscape Maintenance SOP to prevent this potential pollution source from affecting the Canal. The retention pond is an LID design that acts as a bio-retention pond for stormwater quality purposes.

Waste Management

Trash will need to be picked up and waste containers properly cleaned by homeowners. Good waste management systems, if managed improperly, can end up as the source of the very pollution that they were intended to control. The Waste Management SOP is written to control and manage our waste.

Utility System

All building utilities, such as air conditioners, are to be maintained according to manufacturer specifications to prevent leakage of pollutants. When the utility is maintained, all oils, fluids or other pollutants are to be contained and disposed of properly. Utility system units contains oils and other chemicals that can harm the Willow Creek if allowed to drain off our property. Liquids and other waste generated by maintenance of this system can be appropriately managed by our Spill control SOP.

Snow and Ice Removal Management

Salt is a necessary pollutant and is vital to ensuring a safe parking and pedestrian walkways. However, the snow removal operations if improperly managed will increase our salt impact to our own vegetation and local water resources. Use our Snow and Ice Removal SOP to minimize our salt impact.

Yard Sale Events or Related Outdoor Functions

During all outdoor events, care must be taken to contain all litter and liquids from entering the storm drain system. These activities are managed through the Parking Area Maintenance and Waste Management Operations SOPs.

SECTION 2: TRAINING

Ensure that all employees and maintenance contractors know and understand the SOPs specifically written to manage and maintain the property. Maintenance contractors must use the stronger of their Company and the LTSWMP SOPs. File all training records in Appendix C.

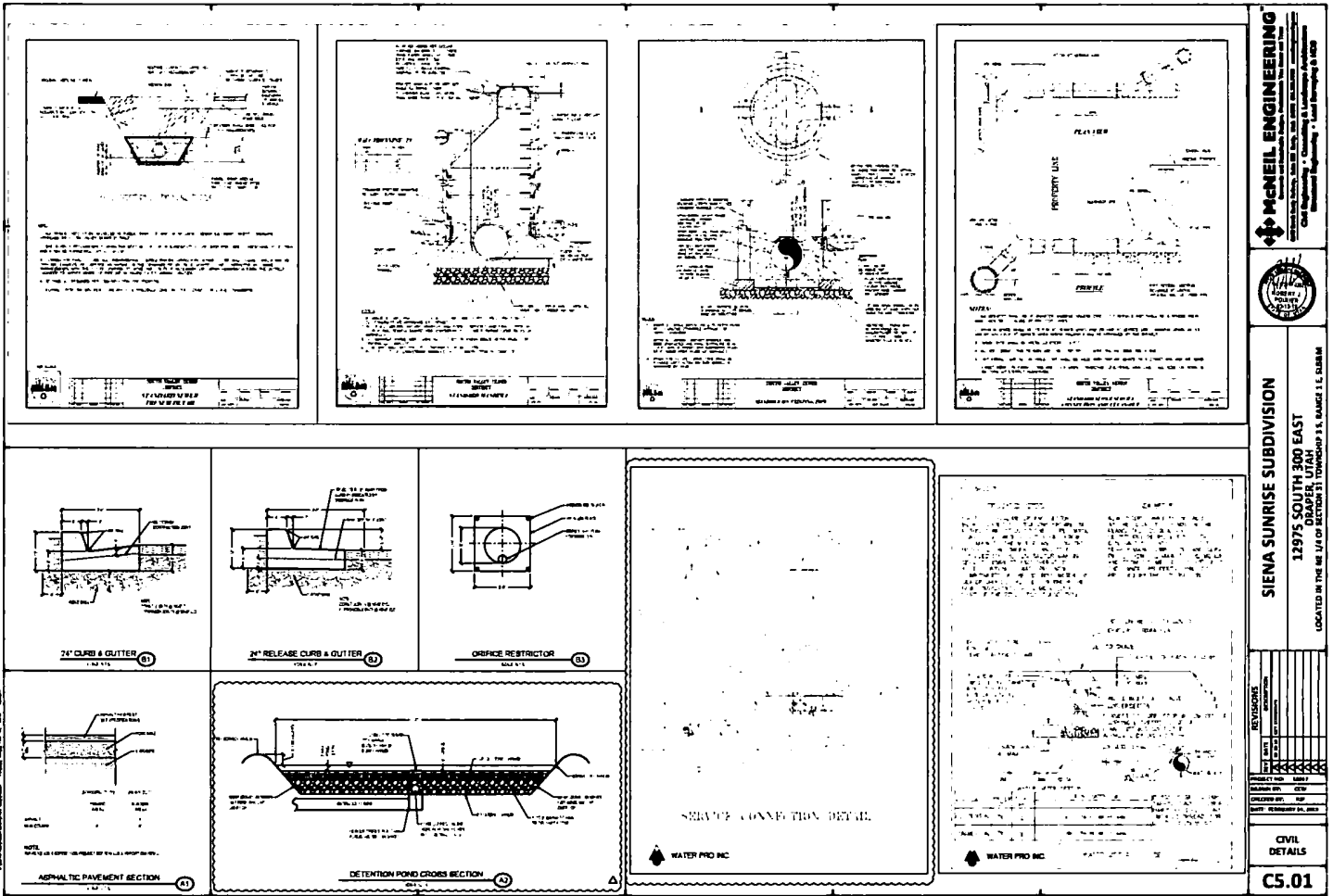
SECTION 3: RECORDKEEPING

Maintain records of operation and maintenance activities in accordance with SOPs. Mail a copy of the record to Draper City annually by July 31st of each year.

SECTION 4: APPENDICES

Appendix A- Site Drawings and Details
Appendix B- SOPs
Appendix C- Recordkeeping Documents

APPENDIX A - SITE DRAWINGS AND DETAILS



McNEIL ENGINEERING
 1200 SOUTH 1000 WEST, SUITE 200, DRAPER, UTAH 84020
 (801) 225-1100
 www.mcneileng.com



SIENA SUNRISE SUBDIVISION
 12975 SOUTH 300 EAST
 DRAPER, UTAH
 LOCATED IN THE NE 1/4 OF SECTION 31, TOWNSHIP 3 N, RANGE 1 E, SUBM.

NO.	DATE	REVISIONS
1	05/20/2015	ISSUED FOR PERMIT
2	05/20/2015	REVISED PER COMMENTS
3	05/20/2015	REVISED PER COMMENTS
4	05/20/2015	REVISED PER COMMENTS
5	05/20/2015	REVISED PER COMMENTS
6	05/20/2015	REVISED PER COMMENTS
7	05/20/2015	REVISED PER COMMENTS
8	05/20/2015	REVISED PER COMMENTS
9	05/20/2015	REVISED PER COMMENTS
10	05/20/2015	REVISED PER COMMENTS

CIVIL DETAILS
C5.01

APPENDIX B - SOPs

Pavement Maintenance Operations

General:

These SOPs are not expected to cover all necessary procedure actions. Operators are allowed to adapt SOPs to unique site conditions in good judgment when it is necessary for safety, and the proper, and effective containment of pollutants. However, any changes of routine operations must be amended in these SOPs.

1. Purpose and Selection:

- a) Reduce stormwater pollution by sweeping and removing pollutants that will be carried to City stormwater systems during stormwater runoff or by non-stormwater runoff.
- b) The sweeper is intended for removing material that collect on pavements by use and the natural degradation of pavements, ie. material that collect, drop from vehicles and the natural erosion and breaking up of pavements.

2. Regular Procedure:

- a) Remain aware of debris and sweep minor debris is needed by hand.
- b) Generally sweeping machinery should be used during autumn when leaf fall is heavy and early spring after winter thaw. Sometimes sweeping machinery will be necessary when accumulations are spread over a large area of the pavement.
- c) Manage outside activities that leave waste or drain pollutants to our pavements. This involves outside functions including but not limited to: Yard sales, yard storage, fund raisers, etc. Do not allow car wash fund raiser or other activities that allow detergents or other pollutants to be wash into storm drain systems.

4. Disposal Procedure:

- a) Service contractor dispose at licensed facilities
- b) Dispose of hand collected material in dumpster

5. Training:

- a) Annually and at hire

Landscape Maintenance Operations

General:

This SOP is not expected to cover all necessary procedure actions. Operators are allowed to adapt SOPs to unique site conditions in good judgment when it is necessary for safety, and the proper, and effective containment of pollutants. However, any changes of routine operations must be amended in this SOP.

Rule: Prevent any solids, liquids or any light weight material from being carried away from the construction or maintenance envelop by wind or water.

1. Application:

- a) This SOP should provide sufficient direction for many of the general landscaping operations, e.g., fertilizer and pesticide applications, mowing, weeding, tree trimming, digging, sprinkler repairs, varying landscape cover management, etc.

2. Maintenance Procedure:

- a) Grooming
 - Lawn Mowing -Immediately following operation sweep or blow clippings onto vegetated ground.
 - Fertilizer Operation -Prevent overspray. Sweep or blow fertilizer onto vegetated ground immediately following operation.
 - Pesticide Operations -Prevent overspray, use spot treatment, sweep or blow dry pesticide onto vegetated ground immediately following operation.
- b) Remove or contain all erodible or loose material prior forecast wind and precipitation events, before any non-stormwater will pass through and over the project site and at end of work period. Light weight debris and landscape materials can require immediately attention when wind expected.
- c) Landscape project materials and waste can usually be contained or controlled by operational best management practices.
 - Operational; including but not limited to:
 - Strategic staging of materials eliminating exposure, such as not staging on pavement
 - Avoiding multiple day staging of landscaping backfill and spoil on pavements
 - Haul off spoil as generated or daily
 - Scheduling work when weather forecast are clear.
- d) Cleanup:
 - Use dry cleanup methods, e.g. square nose shovel and broom and it is usually sufficient when no more material can be swept onto the square nosed shovel.
 - Power blowing tools

3. Waste Disposal:

- a) Dispose of waste according to General Waste Management SOP, unless superseded by specific SOPs for the operation.

4. Equipment:

- a) Tools sufficient for proper containment of pollutants and cleanup.
- b) Push broom and square blade shovel should be a minimum.

5. Training:

- a) Annually and at hire
- b) Landscape Service Contractors must have equal or better SOPs.

Waste Management Operations

General:

This SOP is not expected to cover all necessary procedure actions. Operators are allowed to adapt SOPs to unique site conditions in good judgment when it is necessary for safety, and the proper, and effective containment of pollutants. However, any changes of routine operations must be amended in this SOP.

1. Application:

- a) This SOP is intended for all homeowners, intended for the proper disposal of common everyday waste.

2. Waste Collection Devices (Exposed units):

- The site contains a commercial dumpster with lid

3. Waste Disposal Restrictions for all waste Scheduled for the Trans-Jordan Landfill:

- d) Generally most waste generated at this property, and waste from spill and cleanup operations can be disposed in our dumpsters under the conditions listed in this SOP. Unless other disposal requirements are specifically identified by the product SDS or otherwise specified in other SOPs.
- e) Know the facility disposal requirements and restrictions. It should not be assumed that all waste disposed in collection devices will be disposed at the Trans-Jordan Landfill.
- f) Review Trans-Jordan Landfill regulations for additional restrictions and understand what waste is prohibited in the Trans-Jordan Landfill. Ensure the SDS and Trans-Jordan Landfill regulations are not contradictory.

Generally the waste prohibited by the Trans-Jordan Landfill is:

• Liquid:

- paint
- pesticides/fertilizers
- oil (all types)
- antifreeze
- batteries
- liquid chemicals
- etc.

*(Generally, all the above hazardous waste when involved in minor spill cleanup operations can be disposed in covered dumpsters and our waste bays. **if** the liquid is contained in absorbent material, e.g. sand, dirt, loose absorbent, pads, booms etc., and transformed or dried such that it will not*

drip. This is not intended for whole sale disposal of out dated or spent liquid hazardous waste. When disposal of out dated or spent liquid is needed or for questions of how to dispose of other waste, contact the Salt Lake County Health Department (SLCo HD) for instructions and locations, 801-468-3862).

4. Waste Disposal Required for Salt Lake Valley Landfill or other:

- a) Generally for waste not accepted by the Trans-Jordan Landfill.
- b) Follow SDS for disposal requirements. Review Salt Lake Valley Landfill regulations for additional restrictions and understand what waste is prohibited in the Salt Lake Valley Landfill. Ensure the SDS and Salt Lake Valley Landfill regulations are not contradictory
General rules are:
 - Get approval prior to delivery.
 - Transport waste in secure leak proof containers that are clearly labeled.
- c) Lookup and follow disposal procedures for disposal of waste at other EPA approved sites, the SLCo HD # is a good resource, 385-468-3862

5. General Staff Maintenance Practices:

- a) Prevent dumpsters and receptacles from becoming a pollution source by:
 1. Closing lids
 2. Reposition tipped receptacles upright.
 3. Report full or leaking and unsecured dumpsters and receptacles to the company provider or repair it in house. Determine source liquids and prevent it.
 4. Report any eminent pollutant hazard related to dumpsters and receptacles to the owner.

6. Training:

- a) Annually and at hire

Storm Drain Maintenance Operations

General:

These SOPs are not expected to cover all necessary procedure actions. Operators are allowed to adapt SOPs to unique site conditions in good judgment when it is necessary for safety, and the proper, and effective containment of pollutants. However, any changes of routine operations must be amended in these SOPs.

1. Procedure:

- a) **Inspect for need:**
 - 1. Schedule cleaning for boxes and pipe that contain 2" or more of sediment and debris.
 - 2. Remove debris by vacuum operated machinery.
 - 3. When accumulations are mostly floating debris this material can be removed with a net.
 - 4. Inspect standing water for mosquito larvae and contact the South Salt Valley Mosquito Abatement District when necessary.

2. Disposal Procedure:

- a) Dispose of waste collected by machinery at regulated facilities.
- b) Floating materials and floating absorbent materials may be disposed in dumpster when dried out. Dry dirt and slurry may also be disposed in the dumpster.
- c) Disposal of hazardous waste
 - 1. Dispose of hazardous waste at regulated disposal facilities, see Waste Management and Spill Control SOP
- d) Disposal of waste collected from sanitary sewer device at regulated facilities.

3. Training:

- a) Annually and at hire

Pavement Washing Operations

General:

These SOPs are not expected to cover all necessary procedure actions. Operators are allowed to adapt SOPs to unique site conditions in good judgment when it is necessary for safety, and the proper, and effective containment of pollutants. However, any changes of routine operations must be amended in these SOPs.

1. Procedure:

- a) Prevent waste fluids and any detergents if used from entering storm drain system. The following methods are acceptable for this operation.
 - Dam the inlet using a boom material that seals itself to the pavement and pick up the wastewater with shop-vacuum or absorbent materials.
 - Collect wastewater with shop-vacuum simultaneous with the washing operation.
 - Collect wastewater with vacuum truck or trailer simultaneous with the washing operation.
- b) This procedure must not used to clean the initial spills. First apply the Spill Containment and cleanup SOP.

2. Disposal Procedure:

- a) Small volumes can usually be drained to the local sanitary sewer. Contact the South Valley Sewer District.
- b) Large volumes must be disposed at regulated facilities.

2. Pavement Cleaning Frequency:

- a) There is no regular pavement washing regimen. Pavement washing is determined by conditions that warrant it, including but not limited to: prevention of slick or other hazardous conditions or restore acceptable appearance of pavements.

3. Training:

- a) Annually and at hire

Snow and Ice Removal Management

General:

This SOP is not expected to cover all necessary procedure actions. Operators are allowed to adapt SOPs to unique site conditions in good judgment when it is necessary for safety, and the proper, and effective containment of pollutants. However, any changes of routine operations must be amended in this SOP.

1. Application:

- a) Parking and sidewalk winter management operations.

2. De-Icing Procedure:

- a) Do not store or allow salt or equivalent to be stored on outside paved surfaces.
- b) Minimize salt use by varying salt amounts relative to hazard potential.
- c) Sweep excessive piles left by the spreader.
- d) Watch forecast and adjust salt amounts when warm ups are expected the same day.

3. Training:

- a) Annually and at hire.
- b) Require snow and ice service contractors to follow the stronger this SOP and their company SOPs.

General Construction Maintenance

General:

This SOP is not expected to cover all necessary procedure actions. Operators are allowed to adapt SOPs to unique site conditions in good judgment when it is necessary for safety, and the proper, and effective containment of pollutants. However, any changes of routine operations must be amended in this SOP.

Rule: Prevent any solids, *liquids or any light weight material from being carried away from the construction or maintenance envelop by wind or water.

*liquids - including culinary water and irrigation water that are polluted with material that will damage the environment.

1. Application:

- a) This SOP should provide sufficient direction for many of the general operations, e.g., building maintenance, curb/sidewalk/flatwork, overlay/patching, landscape renovations, misc. maintenance/repairs, etc.

2. Construction Procedure:

- a) Remove or contain all erodible or loose material prior forecast wind and precipitation events or before non-stormwater will pass through the project site. For light weight debris maintenance can require immediately attention for wind events and many times daily maintenance or as needed for precipitation or non-stormwater events.
- b) Project materials and waste can be contained or controlled by operational or structural best management practices.
 - Operational; including but not limited to:
 - Strategic staging of materials eliminating exposure, such as not staging on pavement
 - Avoiding multiple day staging of backfill and spoil
 - Haul off spoil as generated or daily
 - Schedule work during clear forecast
 - Structural; including but not limited to:
 - Inlet protection, e.g. wattles, filter fabric, drop inlet bags, boards, planks
 - Gutter dams, e.g. wattles, sandbags, dirt dams
 - Boundary containment, e.g. wattles, silt fence
 - Dust control, e.g. water hose,
 - Waste control, e.g. construction solid or liquid waste containment, dumpster, receptacles

- c) Inspection often to insure the structural best management practices are in good operating condition and at least prior to the workday end. Promptly repair damaged best management practices achieving effective containment.
- d) Cleanup:
 - Use dry cleanup methods, e.g. square nose shove and broom.
 - Wet methods are allowed if wastewater is prevented from entering the stormwater system, e.g. wet/dry vacuum, disposal to our landscaped areas.
- e) Cleanup Standard:
 - When a broom and a square nosed shovel cannot pick any appreciable amount of material.

3. Waste Disposal:

- a) Dispose of waste according to General Waste Management SOP, unless superseded by specific SOPs for the operation.
- b) Never discharge waste material to storm drains

4. Equipment:

- a) Tools sufficient for proper containment of pollutants and cleanup.
- b) Push broom and square blade shovel should be a minimum.

5. Training:

- a) Annually and at hire.

Spill Control

General:

This SOP is not expected to cover all necessary procedure actions. Operators are allowed to adapt SOPs to unique site conditions in good judgment when it is necessary for safety, and the proper, and effective containment of pollutants. However, any changes of routine operations must be amended in this SOP.

1. Rational:

- c) All properties are susceptible to spills whether it is a result of operations or by customers. Insufficient response, inadequate containment materials and improper spill cleanup methods will result in pollutants in our waterways. Once the pollutants reach our storm drain system, or even the detention pond, they are difficult and expensive to remove.

2. Containment Procedure:

- a) Priority is to dam and contain flowing spills.
- b) Use spill kits booms if available or use any material available; including but not limited to, nearby sand, dirt, landscaping materials, etc.
- c) Hazardous or unknown waste material spills
 1. Critical Emergency constitutes large quantities of flowing uncontained liquid that will affect areas with people or reach storm drain systems. Generally burst or tipped tanks. Call HAZMAT, DWQ, SLVHD, City.
 2. Minor Emergency constitutes a spill that has reached a storm drain but is no longer flowing. Call SLVHD, City
 3. Spills that are contained on the surface and do not meet the criteria for Critical and minor emergencies may be managed by the responsible implementation of this SOP.
 4. Contact Numbers:
HAZMAT - 911
DWQ-801-231-1769, 801-536-4123
SLVHD-801-580-6681
City -801-254-0704

3. Cleanup Procedure:

- a) NEVER WASH SPILLS TO THE STORM DRAIN SYSTEMS.
- b) Clean per SDS requirements but generally most spills can be cleaned up according to the following:
 - Absorb liquid spills with spill kit absorbent material, sand or dirt until liquid is sufficiently converted to solid material.

- Remove immediately using dry cleanup methods, e.g. broom and shovel, or vacuum operations.
- Cleanup with water and detergents may also be necessary depending on the spilled material. However, the waste from this operation must be vacuumed or effectively picked up by dry methods. See Pavement Washing SOP.
- Repeat process when residue material remains.

4. DISPOSAL:

- a) Follow SDS requirements but usually most spills can be disposed per the following b. & c.
- b) Generally most spills absorbed into solid forms can be disposed to the dumpster and receptacles. Follow Waste Management SOP.
- c) Generally Liquid waste from surface cleansing processes may be disposed to the sanitary sewer system after the following conditions have been met:
 - Dry cleanup methods have been used to remove the bulk of the spill and disposed per the Waste Management SOP.
 - The liquid waste amounts are small and diluted with water. This is intended for spill cleanup waste only and never for the disposal of unused or spent liquids.

5. Documentation:

- a) Document all spills in Appendix C.

6. SDS sheets:

- a) SDS Manual is filed in break room.

7. Materials:

- a) Generally sand or dirt will work for most clean-up operations and for containment. However, it is the responsibility of the owner to select the absorbent materials and cleanup methods that are required by the SDS Manuals for chemicals used by the company.

8. Training:

- a) Annually and at hire.

APPENDIX C - PLAN RECORDKEEPING DOCUMENTS

PLAN INSPECTION, MAINTENANCE AND CORRECTION REPORT

****REMOVE THIS INSTRUCTION TEXT, TYPICAL THROUGH OUT THIS DOCUMENT** (THIS REPORT MUST HAVE A METHOD OF IDENTIFYING PROBLEMS AND SHOW THE MAINTENANCE RECORDS FOR EACH OPERATION OR SYSTEM THAT HAS A POTENTIAL TO POLLUTE THE ENVIRONMENT. YOU MAY USE THIS TEMPLATE OR USE ONE OF YOUR OWN BUT IT MUST INCORPORATE THE ABOVE MINIMUM REQUIREMENTS. SUBMIT THIS REPORT TO THE CITY ANNUALLY.)**
THE MS4 AND EPA EXPECTS IS THAT PROPERTY OWNERS EFFECTIVELY CONTAIN POLLUTANTS AND TO FIX PROBLEMS WHEN THEY ARE DISCOVERED.

Inspection Frequency	Operation/Program	Action Type (Inspection / Maintenance)	Date (Inspection / Maintenance Performed)	Report: (inspection and corrections results)
Q	The storm drain filter basket in the front yard shall be checked and cleaned to remove any debris, trash or sediment on a quarterly basis, or in the event of a major storm to ensure proper operation.	{Inspection / Maintenance }		
Q	Parking areas shall be swept on a minimum quarterly basis and not washed into the swale or curb and gutter system. Oil and grease should be cleaned by the use of kitty litter, or other absorbent means, swept up and collected, then properly disposed of.	{Inspection / Maintenance }		
See key below	{Repeat for all infrastructure and programs identified in Section 3}	{Inspection / Maintenance }		
	{Document here any other environmental concern then amend SMP if necessary}			
	example			
M	Parking Pavement	Inspection	2014-10-21	Pavement is covered with autumn leaves and dirt collecting in corners. Scheduled sweeper contractor this week.
	Parking Pavement	Maintenance	2014-10-28	Sweeper contractor picked up leaves Wednesday but did not sweep corners. Require redo this week.
Q	Dumpster	Inspection	2014-10-21	NW corner is leaking. Schedule repair. Also staff not closing lid.
	Dumpster	Maintenance	2014-11-10	Reminded staff to keep lid closed at staff meeting. Waste Management welded dumpster

Key: A=annually, W=Weekly, M=Monthly, Q=Quarterly, S=following appreciable storm event, X=add frequency unique to your property infrastructure

X Year Annual Conclusion: xxxx

Are the PCMP programs working? Are any site infrastructure or operation procedure changes necessary.

Annual SOP Training

SOP #	SOP	Trainer	Homeowners Trained / Service Contractors Informed of SOP	Date

Contact the Stormwater Division for an example of a maintenance/inspection log 801-576-6328

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