

Appendix D

Illicit Discharge Controls

July 2, 2015

RE: Clean Water Works Partnership Opportunity

Dear Food Service Facility Owner:

The City of Bend Stormwater Utility would like to partner with you to help keep our waters clean. If you appreciate clean water and business enhancement, please consider this voluntary opportunity. The City of Bend is undertaking an exciting new incentive-based watershed campaign entitled Clean Water Works. Please see our website at: bendoregon.gov/cleanwaterworks. Here you can see that we have both educational and partnership aspects to the campaign.



UTILITY
DEPARTMENT

62975 BOYD ACRES RD
PO BOX 118
BEND, OR 97701
[541] 317-3000 TEL
[541] 317-3046 FAX
WWW.BENDOREGON.GOV

We are seeking to support businesses that are working to keep our waters clean. We have selected Food Service/Restaurant facilities within the City of Bend as potential Clean Water Works Partners. Should you choose to participate, the City would like to reward you by providing the following promotional materials:

JIM CLINTON
Mayor

SALLY RUSSELL
Mayor Pro Tem

VICTOR CHUDOWSKY
City Councillor

DOUG KNIGHT
City Councillor

NATHAN BODDIE
City Councillor

CASEY ROATS
City Councillor

BARB CAMPBELL
City Councillor

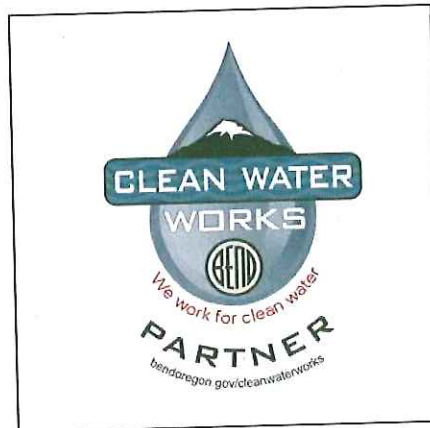
ERIC KING
City Manager

PAUL RHEAULT
Utility Department Director

➤ **Promotion** on our "Discounts and Partners" page on our website (bendoregon.gov/cleanwaterworkspartners) and by other electronic media means (e.g., mention on Facebook, Twitter, or radio advertisements). We will actively encourage people to visit this page beginning in August through October, 2015 and likely beyond. The campaign will include: TV, radio, print, events and social media.

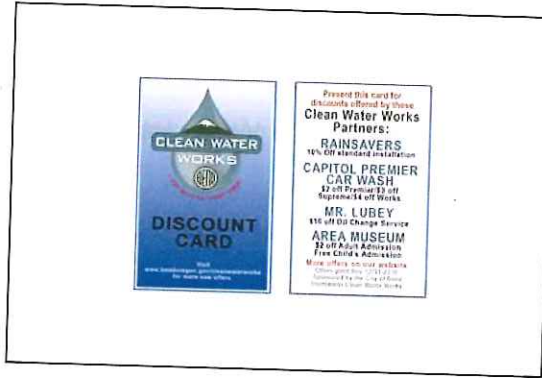
➤ **Decal**—The City will provide you a Clean Water Works window decal (see image at right) to help advertise your business as one that cares about Clean Water!

➤ **Discount Card**—The City will list your business and the discount of your choosing (e.g., \$1 off or "buy one get one free") on our website "Discount and Partner" page, and if you respond by July 20, 2015 we will list your business and discount on the back of our discount cards that we will print and distribute at outreach events during the fall 2015 campaign and mention your business in a Clean Water Works partner radio advertisement on a first come/first served basis. The discount card will also be available on line for your customers to print. (See back for an example discount card layout.)



➤ **Water Bottle**—The City will provide you at least two stainless steel Clean Water Works Partner logo-ed water bottles for your use and enjoyment.

- **Display Holder Promotion** for your customer waiting area with a Clean Water Works Partner outreach sheet promoting your participation as a company that cares about clean water to your customers.



The partnership works like this—if you meet the following basic steps for your business category, just fill out the attached certification form and you can take part.

The criteria for your business category is as follows:

- ✓ You have registered for a Bend Business license (and if you are receiving this letter, then you already have!),
- ✓ Your grease trap program is in good standing per the City's Industrial Pretreatment Program (and if you are receiving this letter, then you already have!),
- You agree to follow best management practices for keeping food-service-related pollutants out of the storm drain and preventing spills (e.g., washing mats and hoods so rinse water drains through your grease trap; properly disposing of grease and oil by way of a direct hauler service or in a secure, leak-proof container with secured lids designed to spill resistant);
- You agree to share the best management practices information in the attached fact sheet with your staff;
- You agree to honor the discount that you specify through at least December 31, 2015.

Just review the fact sheet, complete the short partnership form and email it to me at wedde@bendoregon.gov or fax it to 541-317-3046. You may also mail it to my attention at: 62975 Boyd Acres Road, Bend, OR 97701. Please contact me directly at 541-317-3018 should you have any questions. And remember, if you contact me by July 20th, we will do our best on a first come first served basis to include your business name on the back of the Discount card and a mention of your business on our fall radio commercial.

Remember, this is a voluntary program and a means to appreciate your interest and efforts in keeping our river and drinking waters clean. Should you have any questions or if you wish additional fact sheets or fact sheets in an electronic format to distribute them to your staff, please do not hesitate to contact me at the phone number or email above.

We look forward to working with you.

Sincerely,

Wendy Edde, CSM
Stormwater Program Manager
City of Bend Utility Department

Att: Food Service Fact Sheet, Clean Water Works Partnership form

CLEAN WATER TIPS FOR FOOD SERVICE



Pollutant of Concern: Grease and Oil, Debris

What's the Problem?

Did you know that anything that is dumped or spilled onto outside surfaces, or is hosed into the gutter eventually gets washed by rainwater into storm drains? Unlike sanitary sewers (sinks, toilets, etc.) that flow to the water reclamation plant for treatment, our storm drains in Bend flow directly to the Deschutes River or into the ground towards our drinking water supplies without treatment.



- When it comes to cleaning, do the right thing because it's all connected! Help keep the water you serve clean!
- Take this quick survey. Do you or your staff do any of the following?

Food Service Activity Consideration	Yes	No	N/A
◆ Do you or your staff wash kitchen mats outside in the alley or on the sidewalk?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
◆ Do you wash building exteriors or other outside areas using soaps without blocking the storm drains, vacuuming up the wash water and pumping it to the sanitary sewer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
◆ Do you wash waste and dirt particles from trash containers or enclosures into the alley or street gutter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
◆ Do you dump grease into trash bins, street gutters, or sewers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
◆ Do you litter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
◆ Do you look the other way when an activity is occurring that can pollute our waters or harm our stormwater or sanitary sewer facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

These types of activities can cause pollutants to enter and clog or pollute the storm drain system and our waters. If you answered **Yes** to any of these questions, please see the back of this fact sheet for best management practices to help keep the water you serve clean!

POLLUTANT: MULTIPLE



What Can You Do At Your Food Service Establishment to Keep Our River and Drinking Waters Clean?

Please review and implement these best management practices.

- Wash mats indoors near the kitchen floor drain or in the mop sink. If you do not have a mop sink or floor drain, take the mats to a coin-operated car wash.
- Clean outside waste storage areas and parking areas by first sweeping up debris and trash. Then, if water or cleansers are needed, spot mop the area. Dispose of water into a mop sink or toilet.
- Discharge all wash waters to the sanitary sewer. If it contains grease or oil or fats, it must be sent through a grease trap. Contract with a mobile cleaning company who agrees to collect all wash water for proper disposal.
- Keep grease storage areas clean. Collect bulk grease in containers, use a grease trap, and contract a company to haul them away. Look under "grease traps and service" in your phone directory.
- Control pests using less toxic pest management methods and appropriate timing of use.
- Train your staff to understand and use these best management practices. Be a part of the pollution solution. After all, it's all connected.
- Disposing of grease into the sanitary sewer or outside in the storm drain is prohibited. It clogs the pipes and facilities. Never put fats, grease, or oil down the storm drain or sanitary sewer.
- Make sure landscaping maintenance activities do not involve blowing, sweeping, or washing dirt and debris to the street or storm drain system. Use dry sweeping and collection methods.
- Provide adequate waste receptacles and keep dumpster lids closed.

Resources

City of Bend Illicit Discharge Minimization Best Management Practices Manual
Bendoregon.gov/idmanual

Clean Water Works Business Resources Webpage –
access from the "Business Resources" tab on Bendoregon.gov/cleanwaterworks

City of Bend Industrial Pretreatment Program Fats-Oils-Grease Program
Bendoregon.gov/fog

Commercial Illicit Discharge Prevention Fact Sheet
<http://www.bendoregon.gov/modules/showdocument.aspx?documentid=22513>

Bend Code Title 16.20 Illicit Discharges
<http://www.bend.or.us/Modules/ShowDocument.aspx?documentid=7216>

Fines & Penalties

Violating Bend Code Title 16 is a Class-A Civil Infraction, and could result in a maximum civil penalty of \$750.00 per day. Each day that a violation remains uncured in effect is a separate violation.

The City of Bend gratefully acknowledges the City of Santa Monica and the Alameda Countywide Clean Water Program for the original concept and best practices noted herein.



Accommodation Information for People with Disabilities

To obtain this information in an alternate format such as Braille, large print, electronic formats and audio cassette tape please contact Karen Morris at 541-693-2141 or email kmorris@bendoregon.gov.



UTILITY DEPARTMENT

City of Bend (FY-15-16)
Illicit Discharge Follow-up Database

Date Reported	Reported By	Type	Description	Location	Date Time Notified	Reported To	Followed up By	Date Followed up	Status	Actions Taken/Comments	M4 / WPCF	Extra V's Provided	Enforcement Taken	Date Followed up With Report
7/17/2015	Public	Leak/Spill	A low bucket leaked hydraulic fluid into the road.	232 LARGIE COURT NORTH ACCESS RD	7/17/15 1:30 PM	Wendy Edde	David Buchanan	7/20/15 2:30 PM	Closed	Spoke with the bar/restaurant on-site. The bar/restaurant owner advised that they will have the material removed in the next couple of days. The bar/restaurant owner also advised that they will have the material removed in the next couple of days. City staff called back and asked the bar/restaurant owner to have the material removed in the next couple of days. City staff also advised that they will have the material removed in the next couple of days.	Yes	Verbal Warning	7/20/15	
7/20/15	City of Bend	Landscape Maintenance	UMP pile of dirt was dumped into the roadway along Boyl Avenue Rd. Someone is dumping it into the catch basin.	NW Tilton & NW Estes	7/20/15 2:00 PM	David Buchanan	David Buchanan	7/20/15 1:00 PM	Closed	City staff inspected the site and found a pile of dirt in the catch basin. City staff called back and asked the property owner to have the material removed in the next couple of days. City staff also advised that they will have the material removed in the next couple of days.	NPDES	No	No	7/20/15
7/20/15	Public	Leak/Spill	A neighboring property owner extended a gutter several feet and is directing the water into the street.	26 NW McClain Ave.	7/20/15 2:00 PM	Cheryl Semant	David Buchanan	7/20/15 2:00 PM	Closed	City staff inspected the site and found a gutter extending into the street. City staff called back and asked the property owner to have the gutter removed in the next couple of days. City staff also advised that they will have the gutter removed in the next couple of days.	NPDES	Yes	Notice of Violation	7/20/15
7/20/15	Public	Private Drainage	The owner of a home on NW McClain Ave. has a mobile food cart that is dumping grease into the catch basin.	303 NW Riverside Blvd	7/20/15 5:00 PM	David Buchanan	David Buchanan	7/20/15 12:00 AM	Closed	City staff inspected the site and found a mobile food cart dumping grease into the catch basin. City staff called back and asked the property owner to have the grease removed in the next couple of days. City staff also advised that they will have the grease removed in the next couple of days.	NPDES	Yes	Verbal Warning	7/20/15
8/4/2015	City of Bend	Landscape Maintenance	A landscape maintenance crew was blowing grass clippings into the roadway.	303 NW TUMALO AVE	8/4/15 10:00 AM	Wendy Edde	Wendy Edde	8/4/15 10:00 AM	Closed	City staff inspected the site and found grass clippings blowing into the roadway. City staff called back and asked the landscape maintenance crew to have the clippings removed in the next couple of days. City staff also advised that they will have the clippings removed in the next couple of days.	NPDES	Yes	Verbal Warning	8/4/2015
8/11/2015	Public	Mobile Pressure Washing	A neighbor called in to report that an auto detailer was pressure washing off an engine in the roadway in front of their house.	8107 Buchanan Plaza	8/11/15 11:00 AM	David Buchanan	David Buchanan	8/11/15 1:00 PM	Closed	City staff inspected the site and found a neighbor reporting an auto detailer pressure washing an engine in the roadway. City staff called back and asked the auto detailer to have the engine removed in the next couple of days. City staff also advised that they will have the engine removed in the next couple of days.	MPCF	Yes	Verbal Warning	8/12/2015
8/26/2015	Public	Construction Site Erosion	The caller reported that the catch basin in their front yard (828) was overflowing with water. The water was coming from the catch basin and was overflowing onto the driveway.	1500 SW Chandler Ave	8/26/15 12:00 AM	David Buchanan	David Buchanan	8/26/15 12:00 AM	Closed	City staff inspected the site and found a catch basin overflowing with water. City staff called back and asked the property owner to have the catch basin cleaned in the next couple of days. City staff also advised that they will have the catch basin cleaned in the next couple of days.	MPCF			
8/26/2015	Public	Construction Site Erosion	Settlement for a construction site was spilling into the roadway. The water was coming from the catch basin and was overflowing onto the driveway.	8500 Lower Mckay Dr.	8/26/15 2:00 PM	Kyle Thomas	Kyle Thomas	8/26/15 2:00 PM	Closed	City staff inspected the site and found a construction site settling into the roadway. City staff called back and asked the property owner to have the settlement removed in the next couple of days. City staff also advised that they will have the settlement removed in the next couple of days.	NPDES	Yes	Verbal Warning	8/26/15
9/20/2015	City of Bend	Construction Site Erosion	A neighbor called in to report that the proper clean up methods. The caller truck had washed a semi off of the street and dumped the load in front of their house.	45 NW Gordon Rd	9/20/15 2:00 PM	David Buchanan	Ken Kolz	9/20/15 2:00 PM	Closed	City staff inspected the site and found a neighbor reporting a truck washing a semi off the street. City staff called back and asked the property owner to have the semi removed in the next couple of days. City staff also advised that they will have the semi removed in the next couple of days.	MPCF	NA	NA	9/21/15 1:30 PM
8/18/2015	City of Bend	Construction Site Erosion	Rock and dirt block debris in roadway.	6146 SE RUBY PEAK LN	8/18/15 1:30 PM	David Buchanan	David Buchanan	9/22/15 9:30 AM	Closed	City staff inspected the site and found rock and dirt block debris in the roadway. City staff called back and asked the property owner to have the debris removed in the next couple of days. City staff also advised that they will have the debris removed in the next couple of days.	MPCF	Yes	Verbal Warning	9/21/15 1:30 PM
8/18/2015	City of Bend	Leak/Spill	Someone had dumped oil into the catch basin.	2035 Mill Court	8/18/15 1:30 PM	David Buchanan	David Buchanan	8/22/15 9:30 AM	Closed	City staff inspected the site and found someone dumping oil into the catch basin. City staff called back and asked the property owner to have the oil removed in the next couple of days. City staff also advised that they will have the oil removed in the next couple of days.	MPCF	Yes	Verbal Warning	9/21/15 12:45 PM
8/20/2015	Public	Carpet Cleaning	Received a complaint that a carpet cleaner had mixed a significant amount of water into the street.	106 NW WALL ST	8/20/15 7:40 PM	David Buchanan	David Buchanan	9/24/15 10:30 AM	Closed	City staff inspected the site and found a complaint that a carpet cleaner mixed water into the street. City staff called back and asked the carpet cleaner to have the water removed in the next couple of days. City staff also advised that they will have the water removed in the next couple of days.	NA	Yes	Verbal Warning	9/24/15 10:30 AM
9/21/2015	City of Bend	Erosion	A new mobile food unit called two stop opened up on Boyd Acton road. City of Bend stormwater and JP staff stopped by to provide BMP information and information on parking equipment and other items that have been used in the past.	9269 BOYD ACRES RD	9/21/15 10:30 AM	David Buchanan	David Buchanan	9/21/15 10:30 AM	Closed	City staff inspected the site and found a new mobile food unit opening up. City staff called back and asked the property owner to provide BMP information and information on parking equipment and other items that have been used in the past.	NA	Yes	Verbal Warning	10/21/15 2:08 PM
10/22/2015	Public	Leak/Spill	The roadway construction truck's carpet cleaner had dumped their waste into a catch basin.	3033 NE Court	10/22/15 12:30 PM	David Buchanan	David Buchanan	10/25/15 10:00 AM	Closed	City staff inspected the site and found a roadway construction truck dumping waste into a catch basin. City staff called back and asked the property owner to have the waste removed in the next couple of days. City staff also advised that they will have the waste removed in the next couple of days.	MPCF	Yes	Verbal Warning	10/25/15 10:00 AM
10/26/2015	Public	Carpet Cleaning	Received a report that a carpet cleaner had dumped their waste into a catch basin.	817 NW Wall S	10/26/15 8:30 AM	Wendy Edde	David Buchanan	10/26/15 11:00 AM	Open	City staff inspected the site and found a report that a carpet cleaner dumped waste into a catch basin. City staff called back and asked the property owner to have the waste removed in the next couple of days. City staff also advised that they will have the waste removed in the next couple of days.	MPCF	Yes	Consent Agreement	10/26/2015
10/26/2015	Public	Leak/Spill	Received a report that a spill service had been dumping oil on-site storm drain.	211 SE Bagdad Blvd	10/26/2015 12:20 PM	David Buchanan	David Buchanan	10/26/2015 12:20 PM	Closed	City staff inspected the site and found a report that a spill service dumped oil on-site storm drain. City staff called back and asked the spill service to have the oil removed in the next couple of days. City staff also advised that they will have the oil removed in the next couple of days.	MPCF	Yes	Notice of Violation	10/26/2015
10/26/2015	Public	Leak/Spill	OSBY employee reported that a leaking truck was parked in roadway behind 719 NW Columbia St. This was taken off collection in vicinity of street. A large pickup truck parked on highway and parking area into the street.	719 NW Columbia St	10/26/2015	David Buchanan	David Buchanan	10/26/2015 10:00 AM	Closed	City staff inspected the site and found a leaking truck parked in the roadway. City staff called back and asked the property owner to have the truck removed in the next couple of days. City staff also advised that they will have the truck removed in the next couple of days.	MPCF	Yes	Verbal Warning	10/26/2015
10/15/2015	Public	Leak/Spill	A large pickup truck parked on highway and parking area into the street.	3081 HUNTERS CR	10/15/2015	David Buchanan	David Buchanan	10/23/15 3:30 PM	Closed	City staff inspected the site and found a large pickup truck parked on highway and parking area into the street. City staff called back and asked the property owner to have the truck removed in the next couple of days. City staff also advised that they will have the truck removed in the next couple of days.	MPCF	Yes (Verbal)	Verbal Warning	10/23/2015
10/22/2015	City of Bend	Construction Site Erosion	City of Bend stormwater maintenance staff contacted the onsite foreman and asked them to protect the fill.	1638 Aven Ridge Ln	10/22/2015	David Buchanan	David Buchanan	10/23/2015 3:30 PM	Closed	City staff inspected the site and found a construction site erosion. City staff called back and asked the onsite foreman to protect the fill.	MPCF	Yes (Verbal)	Verbal Warning	10/23/2015
10/26/2015	Public	Landscape Maintenance	Homeowner is regularly blowing grass clippings into the roadway.	1685 NW Horseshoe Ave	10/26/2015	David Buchanan	David Buchanan	10/26/2015 1:30 PM	Closed	City staff inspected the site and found a homeowner blowing grass clippings into the roadway. City staff called back and asked the homeowner to have the clippings removed in the next couple of days. City staff also advised that they will have the clippings removed in the next couple of days.	MPCF	Yes	Verbal Warning	11/10/15 2:00 PM
11/10/2015	City of Bend	Landscape Maintenance	Homeowner is regularly blowing grass clippings into the roadway.	6292 Arch Circle Dr.	11/10/2015	David Buchanan	David Buchanan	11/10/15 1:00 PM	Closed	City staff inspected the site and found a homeowner blowing grass clippings into the roadway. City staff called back and asked the homeowner to have the clippings removed in the next couple of days. City staff also advised that they will have the clippings removed in the next couple of days.	MPCF	Yes (Verbal)	Verbal Warning	11/10/15 2:00 PM
11/10/2015	City of Bend	Construction Site Erosion	A contractor has completed building material in the roadway. They are also using a table saw to cut wood in street. The street is covered in saw dust.	232 NW Rainbow Ridge	11/10/2015	Wendy Edde	David Buchanan	11/10/15 1:30 PM	Closed	City staff inspected the site and found a contractor building material in the roadway. City staff called back and asked the contractor to have the material removed in the next couple of days. City staff also advised that they will have the material removed in the next couple of days.	MPCF	Yes (Verbal)	Verbal Warning	12/18/2015
12/10/2015	City of Bend	Leak/Spill	City stormwater crews found an unknown green material spill in the street. The material was dumped into the storm drain. The material was dumped into the storm drain.	165 NW BUCKINGHAM ST	12/10/15 6:00 AM	Kelly Grim & Wendy Edde	David Buchanan	12/10/15 9:00 AM	Closed	City staff inspected the site and found a green material spill in the street. City staff called back and asked the property owner to have the material removed in the next couple of days. City staff also advised that they will have the material removed in the next couple of days.	MPCF	Yes (Verbal)	Verbal Warning	1/9/2016
12/10/2015	City of Bend	Leak/Spill	A water hauling company's water truck was filling a water truck. The water was dumped into the roadway. The water was dumped into the roadway.	6834 HUNNEL DR	12/10/15 12:00 PM	David Buchanan	David Buchanan	12/10/15 12:00 PM	Closed	City staff inspected the site and found a water hauling company's water truck filling a water truck. City staff called back and asked the property owner to have the water removed in the next couple of days. City staff also advised that they will have the water removed in the next couple of days.	MPCF	Yes (Verbal)	Verbal Warning	12/17/2015
1/19/2016	Public	Construction Site Erosion	The water washed some sediment into the roadway. The sediment was washed into the roadway.	20819 BULLBERRYFIELD AVE	1/19/2016 2:00 PM	David Buchanan	David Buchanan	1/19/2016 2:00 PM	Closed	City staff inspected the site and found water washed sediment into the roadway. City staff called back and asked the property owner to have the sediment removed in the next couple of days. City staff also advised that they will have the sediment removed in the next couple of days.	MPCF	Yes (Verbal)	Verbal Warning	1/27/2016
1/27/2016	Public	Peak Site Drainage	Received a report of water pouring out of a pipe and onto sidewalk.	305 NW CHOUTEAU DR	1/27/16 2:45 PM	Front Desk	Tyler Patterson	1/27/16 3:30 PM	Closed	City staff inspected the site and found a report of water pouring out of a pipe and onto sidewalk. City staff called back and asked the property owner to have the pipe fixed in the next couple of days. City staff also advised that they will have the pipe fixed in the next couple of days.	MPCF	Yes (Verbal)	Verbal Warning	1/27/2016
2/22/2016	Public	Leak/Spill	The City received a report of black patches of oil lining the river near the playground park. They were all on the west side and appeared to be coming from the playground park. The black patches were found on the river near the playground park.	181 NW DRAKE RD	2/22/2016 4:00 PM	City Manager	David Buchanan	2/22/2016 4:15:00 PM / 2/24/2016 7:30:00 AM	Closed	City staff inspected the site and found a report of black patches of oil lining the river near the playground park. City staff called back and asked the property owner to have the oil removed in the next couple of days. City staff also advised that they will have the oil removed in the next couple of days.	NPDES	NA	No	NA

City of Bend (FY-15-16) Illiott Discharge Followup Database

Date Reported	Reported By	Type	Description	Location	Date/Time Notified	Reported To	Followed up By	Date followed up	Status	MIS / WPCF	Esc. info. Provided	Enforcement Taken	Date Followed up with Reporter
2/29/2016	Public	Construction Site Erosion	Phone call was a followup from a city I'm stopped by being directed here from the 4822. Concern had been about the sidewalk. The sidewalk was not solid and had a hole in it. There are several things about the sidewalk that the neighbors are not happy regarding: layers are involved.	248N NW 2nd Street	Dispatching Public Works	Wendy Edsall David Buchanan Stormwater Utility	Wendy Edsall David Buchanan	2/10/16 and thereafter	Closed	WPCF	Yes (Written)	No	Multiple. Photo. 2/29/16
3/11/2016	Public	Curb Cutting	On Wednesday March 2nd around 11:30 AM at the Buchanan Brewery Pub on Bend street working with two teams on our annual fire system checks. As we ran down the street we noticed a hole in the sidewalk. The hole was about 18 inches deep and 12 inches wide. I don't know who the hole was for but it was a big hole that they just released the money for but on a side note that company will report on Wednesday April 13. I also will be working at the pub that morning and I will keep an eye out for anything out of sort.	1460 NW Bond	3/2/2016	Wendy Edsall	Wendy Edsall		Closed	WPCF	MA	No	MA
3/14/2016	City of Bend	Private Driveway Flowing Offsite	The road downspout is allowing water to flow across the driveway and into the City storm drain. The flowing water is washing sidewalk and sidewalk into the City storm drain.	20759 High Desert	3/14/2016	David Buchanan	David Buchanan	3/14/2016	Active	WPCF	No	No	Ongoing
3/24/2016	City of Bend	Construction Site Erosion	Received a complaint that a homeowner had blown out impaction system and sprayed entrance all over the street and sidewalk. CDR6500	2846 NW CHARDONWAY LN 83200 NW NEWALL PL	3/24/2016	David Buchanan	David Buchanan	3/25/2016	Closed	WPCF	Yes (Verbal)	Forwarded to Engineering	3/25/2016
3/24/2016	City of Bend	Road Safety Issue	Commuter had passed stopping contractors in roadway, blocking access for other vehicles. DCEO received a report on 3/24 of ongoing spill control issues and dumping of pallets at or at an auto repair business	High Desert Hydraulics 2347 Hwy 97	3/24/2016	David Buchanan	Wendy Edsall	3/24/2016	Closed (Forwarded to DCEO)	WPCF	No	No	3/22/2016
4/8/2016	City of Bend	Leak/Spill	Saw small quantity petroleum product (oil) being spilled in residential neighborhood involving collection that leaks oil of which is being used for maintenance, etc.	East side of Federal, one block north of downtown	4/8/2016 About 1 PM	Wendy Edsall	Wendy Edsall	4/8/2016	Closed	MIS / WPCF	Yes	No	4/8/2016
4/20/2016	City of Bend	Leak/Spill	Received a complaint that a homeowner had blown out impaction system and sprayed entrance all over the street and sidewalk. CDR6500	915 SE Armour RD	4/15/2016	David Buchanan	David Buchanan	4/20/2016	Closed	WPCF	No	No	4/20/2016
4/22/2016	Public	Leak/Spill	Car with 24 fuel. Bored spoke with the contractor a couple days ago when he saw the catch basin was 3/4 full with sediment. Sewing by today and no impaction.	2942 NW H St	4/21/2016	David Buchanan	David Buchanan	4/21/2016	Closed	WPCF	No	No	4/21/2016
4/17/2016	City of Bend	Construction Site Erosion	Tracking of sediment from multiple private home construction site on SW Maguire Way - attempt to wash down aggregate on new driveway pour.	Third and French, West of Ashland Living facilities on SE side where waiting by fence	Kyle Thomas Wendy Edsall	Kyle Thomas Wendy Edsall	4/12/2016 4:14, 4:18, 4:25	Open	WPCF	Yes (Verbal)	In process.	4/25/2016 Scanned to show with David. 4/25 Emailed David	
4/22/2016	City of Bend	Construction Site Erosion	Scattered in roadway on Boyd Area and on Warner from new construction. A garbage truck broke a hydraulic line, spilling hydraulic oil in the alley behind 500 NW Wall St.	5014 Maguire Way towards end of Boyd Area and Warner. SE corner	4/22, 2016 4:52 PM	Kyle Thomas Wendy Edsall	Wendy Edsall	4/22/2016	Open	WPCF	Yes	Verbal Warning	
4/26/2016	Public	Leak/Spill	The Bend Police department received a complaint that a food truck was depositing a large hood in the roadway/sidewalk. Bend Police contacted City of Bend stormwater about the issue around 9am.	945 NW Wall St (Alley)	5/6/2016 8:30am	David Buchanan	David Buchanan	4/26/2016	Closed	WPCF	MA	NA	4/26/2016
5/1/2016	Public	Restaurant Hood Cleaning	Stormwater downspout clogged concrete basing material in the catch basin near NW Development and 1st.	735 NW COLUMBIA ST	5/1/2016 8:15	David Buchanan	Wendy Edsall & David Buchanan	5/1/2016 8:30	Closed	WPCES	Yes	Verbal Warning	5/1/2016
5/7/2016	City of Bend	Concrete Washout Slurry	New landscaping - using dirt to road to mark off landscaping	1387 NW Development Ave	5/7/2016 10:00	David Buchanan	David Buchanan	5/20/16 6:45	Open	WPCES	Yes	Verbal Warning	5/20/2016
6/10/2016	City of Bend	Landscape Details	BNP failures resulting in slope failure, erosion and sediment, debris across sidewalk and clogging multiple catchbasins. Channelization on slope.	Benson Ave	6/10/2016 - 4:45 PM	Wendy Edsall	Wendy Edsall	6/10/2016 - 4:46 PM	Closed	WPCF	Yes	Verbal Warning	NA
6/17/2016	Public	Construction Site Erosion	Stormwater downspout clogged concrete basing material in the catch basin near NW Development and 1st.	Mt. Washington at Weber	6/17/2016 0:00	Wendy Edsall	Wendy Edsall	6/17/2016 and continuing	Open	WPCF - next basin	Yes	Verbal Warning	6/18 and 6/21



2016 NATIONAL WATERSHED & STORMWATER CONFERENCE

Tuesday, April 12, 2016

9am-7pm EST, 9am-7pm-CST, 9am-5pm PST

Join us April 12, 2016 for a unique conference uniting in-person discussion and panels with nationally-broadcast webcasts. With this format, the conference will integrate national trends and local watershed issues.

Major conference topics include pollution prevention, illicit discharge detection and elimination, post-construction stormwater management, and non-traditional MS4s. Learn about case studies, regulatory updates from experts around the country, and stormwater solutions and tools that address tricky local and regional implementation challenges!

You can participate in the conference by either attending in-person at one of several "hub" facilities around the country (see three example agendas below for East Coast, Central, and Pacific time zones), or by logging in right from your workplace.

For more information, contact Sarah Morrow at sem@cwp.org.

CENTER FOR
WATERSHED
PROTECTION

Eastern Time



8:00-9:00 Registration

9:00-9:30 Introduction to the 2016 National Webcast Conference and the Local Hub

**9:30-10:30 Stormwater Management in Coastal & Flat Areas, Cold Climates, Cities, and Bad Soils
—YES WE CAN DO IT HERE!**

Review of stormwater practice design adaptations for climates and terrains of the Southeast, providing an antidote to the refrain, “it’s a great idea, but we can’t do it here.” Discussion of pollutants of concern for special environments, and regional resources for design, construction, and maintenance.

10:30-11:00 Local Hub Discussion

11:00-12:00 Overview of Pollution Prevention: An ounce of prevention is worth a pound of cure...

Is it more cost-effective to prevent pollutants from entering your system compared to trying to remove them later in a structural BMP? From pet waste to leaf litter to dumpster juice, car wash water, plastic bags, and stormwater hotspots, learn what others are doing to educate, prevent, and enforce pollution prevention in their communities.

12:00-1:00 LUNCH, Local Hub Discussion & Networking

1:00-1:30 Overview of Illicit Discharge Detection and Elimination (IDDE):

Current status of IDDE programs across the country—is this a missed opportunity for low-cost pollutant reductions? What is the prevalence of these “hidden sources of pollution?”

1:30-2:15 In the Field:

Types of discharges and characteristics, field screening techniques and equipment, parameters to screen for, what to do if you get a “hit,” some good field guides.

2:15-3:00 In the Office—Key Programmatic Issues:

What does it take to have a robust IDDE program, staffing and resources, legal authority, tips for eliminating discharges, some good case studies

3:00-4:00 Local Hub Discussion/Break

4:00-4:30 Overview of Post-Construction Stormwater Management:

Current status of post-construction programs across the country, why is this the juggernaut of minimum measures? The terminology tug: BMPs, SMPs, LIDs, GI, etc. and overarching stormwater paradigms. Stormwater practices for new and redevelopment vs. retrofits of existing developed areas.

4:30-5:10 Let’s Start with Maintenance:

How considerations of long-term maintenance will influence your front-end program decisions—know what you are getting in to. Review of common maintenance issues with BMPs, with particular emphasis on vegetated BMPs.

5:10-5:30 Local Hub Discussion/Final Remarks

For the diehards...

5:30-6:00 Overview of Non-Traditional MS4s—Prisons, Campuses, etc.:

How are these MS4s treated in the regulatory process? What are unique considerations for special MS4s?

6:00-6:30 Master Planning and Avoiding a Thousand Cuts:

How facility master planning can lead to efficiencies and better BMPs. What are opportunities to collaborate with surrounding MS4s/ communities?

6:30 End Web Conference in Eastern Time

Items in blue will be broadcast nationally, via webcast



Central Time



7:30-8:30 Registration

8:30-9:00 Introduction to the 2016 National Webcast Conference and the Local Hub

9:00-10:00 Stormwater Management in Coastal & Flat Areas, Cold Climates, Cities, and Bad Soils
—YES WE CAN DO IT HERE!

Review of stormwater practice design adaptations for climates and terrains of the Midwest, providing an antidote to the refrain, “it’s a great idea, but we can’t do it here.” Discussion of pollutants of concern for special environments, and regional resources for design, construction, and maintenance.

10:00-11:00 Overview of Pollution Prevention:

An ounce of prevention is worth a pound of cure...

Is it more cost-effective to prevent pollutants from entering your system compared to trying to remove them later in a structural BMP? From pet waste to leaf litter to dumpster juice, car wash water, plastic bags, and stormwater hotspots, learn what others are doing to educate, prevent, and enforce pollution prevention in their communities.

11:00-12:00 LUNCH, Local Hub Discussion & Networking

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Current status of IDDE programs across the country—is this a missed opportunity for low-cost pollutant reductions? What is the prevalence of these “hidden sources of pollution?”

12:30-1:15 In the Field:

Types of discharges and characteristic, field screening techniques and equipment, parameters to screen for, what to do if you get a “hit”, some good field guides.

1:15-2:00 In the Office—Key Programmatic Issues:

What does it take to have a robust IDDE program, staffing and resources, Legal authority, tips for eliminating discharges, some good case studies

2:00-3:00 Local Hub Discussion/Break

3:00-3:30 Overview of Post-Construction Stormwater Management:

Current status of post-construction programs across the country, why is this the juggernaut of minimum measures? The terminology tug: BMPs, SMPs, LIDs, GI, etc. and overarching stormwater paradigms. Stormwater practices for new and redevelopment vs. retrofits of existing developed areas.

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4:10-4:30 Local Hub Discussion/Break

4:30-5:00 Overview of Non-Traditional MS4s—Prisons, Campuses, etc.:

How are these MS4s treated in the regulatory process? What are unique considerations for special MS4s?

5:00-5:30 Master Planning and Avoiding a Thousand Cuts:

How facility masterplanning can lead to efficiencies and better BMPs. What are opportunities to collaborate with surrounding MS4s/ communities?

5:30-6:15 Keeping it Clean:

Top tips for facility SWPPPs, what is likely to happen during an audit?

6:15-End of Web Conference in Central Time

Items in blue will be broadcast nationally, via webcast

Pacific Time



7:00-8:00 Registration

For the Early Bird...

8:00-9:00 Overview of Pollution Prevention: An ounce of prevention is worth a pound of cure...

Is it more cost-effective to prevent pollutants from entering your system compared to trying to remove them later in a structural BMP? From pet waste to leaf litter to dumpster juice, car wash water, plastic bags, and stormwater hotspots, learn what others are doing to educate, prevent, and enforce pollution prevention in their communities.

9:00-9:15 Introduction to the 2016 National Webcast Conference and the Local Hub

9:15-10:00 Stormwater Management in Coastal & Flat Areas, Cold Climates, Cities, and Bad Soils —YES WE CAN DO IT HERE!

Review of stormwater practice design adaptations for terrains and climates of California and other West Coast locales, providing an antidote to the refrain, “it’s a great idea, but we can’t do it here.” Discussion of pollutants of concern for special environments and regional resources for design, construction, and maintenance.

10:00-10:30 Overview of Illicit Discharge Detection and Elimination (IDDE):

Current status of IDDE programs across the country—is this a missed opportunity for low-cost pollutant reductions? What is the prevalence of these “hidden sources of pollution?”

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1:30-2:10 Let’s Start with Maintenance:

How considerations of long-term maintenance will influence your front-end program decisions—know what you are getting in to. Review of common maintenance issues with BMPs, with particular emphasis on vegetated BMPs.

2:10-2:30 Local Hub Discussion/Break:

Example from trash, separators, can they afford O&M, moving to more regional facilities

2:30-3:00 Overview of Non-Traditional MS4s—Prisons, Campuses, etc.:

How are these MS4s treated in the regulatory process? What are unique considerations for special MS4s?

3:00-3:30 Master Planning and Avoiding a Thousand Cuts:

How facility master planning can lead to efficiencies and better BMPs. What are opportunities to collaborate with surrounding MS4s/ communities?

3:30-4:15 Keeping it Clean:

Top tips for facility SWPPPs, what is likely to happen during an audit?

4:15-5:15 Local Hub Discussion

5:15-5:45 Concluding Remarks

5:45 End of Web Conference for Pacific Time

Compliance Detail

City of Bend

Filtered by: Training: Leaky Equipment and Fueling Training

Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
1	Thompson, Scott	Water Reclamation Facility	Complete	9/18/15	9/10/15	Thompson, Scott	9/10/15	View
2	Vencill, Gary	Boyd Acres	Complete	9/18/15	9/8/15	Vencill, Gary	9/8/15	View
3	Libolt, Orrin	Boyd Acres	Complete	9/18/15	9/10/15	Libolt, Orrin	9/10/15	View
4	Brick, Paul	Boyd Acres	Complete	9/18/15	12/10/15	Brick, Paul	12/10/15	View
5	Pierce, David	Pilot Butte Campus	Not Started	9/18/15				
6	Vaughan, Ken	Boyd Acres	Complete	9/18/15	9/10/15	Vaughan, Ken	9/10/15	View
7	Ristoff (AKA: Briggs), Teresa	Boyd Acres	Complete	9/18/15	9/14/15	Ristoff (AKA: Briggs), Teresa	9/14/15	View
8	Waldrop, Will	Pilot Butte Campus	Complete	9/18/15	9/17/15	Waldrop, Will	9/17/15	View
9	Canaday, Diane	Pilot Butte Campus	Complete	9/18/15	10/29/15	Canaday, Diane	10/29/15	View
10	Hopkins, Robert	Boyd Acres	Complete	9/18/15	9/8/15	Hopkins, Robert	9/8/15	View
11	Burghardt, Joe	Water Reclamation Facility	Complete	9/18/15	9/10/15	Burghardt, Joe	9/10/15	View
12	Malinowski, Adam	Pilot Butte Campus	Complete	9/18/15	10/1/15	Malinowski, Adam	10/1/15	View
13	Moody, Reese	Boyd Acres	Complete	9/18/15	10/22/15	Moody, Reese	10/22/15	View
14	Byrd, Steve	Boyd Acres	Complete	9/18/15	9/14/15	Byrd, Steve	9/14/15	View
15	Judd, Arthur	Boyd Acres	Complete	9/18/15	9/8/15	Judd, Arthur	9/8/15	View
16	Riley, Steve	Boyd Acres	Complete	9/18/15	9/17/15	Riley, Steve	9/17/15	View

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Compliance Detail

City of Bend

Filtered by: Training: Leaky Equipment and Fueling Training

Row	Assigned			Progress	Due Date	Start	Completed		
	To	Location					By	On	View
17	Taylor, Oakley	Boyd Acres		Complete	9/18/15	10/12/15	Taylor, Oakley	10/12/15	View
18	Rogers, William "Ed"	Water Reclamation Facility		Complete	9/18/15	12/10/15	Rogers, William "Ed"	12/10/15	View
19	Roshone, Elmer	Water Reclamation Facility		Complete	9/18/15	9/13/15	Roshone, Elmer	9/13/15	View
20	Alexander, Mark	Pilot Butte Campus		Complete	9/18/15	12/9/15	Alexander, Mark	12/9/15	View
21	Patterson, Tyler	Boyd Acres		Complete	9/18/15	10/28/15	Patterson, Tyler	10/28/15	View
22	Howe, Carl	Pilot Butte Campus		Complete	9/18/15	7/20/16	Howe, Carl	7/20/16	View
23	Elpi-Trainor, Michelle	Water Reclamation Facility		Complete	9/18/15	10/4/15	Elpi-Trainor, Michelle	10/4/15	View
24	Fore, Erynne	Water Reclamation Facility		Complete	9/18/15	9/8/15	Fore, Erynne	9/8/15	View
25	Combs, Ty	Pilot Butte Campus		Complete	9/18/15	9/21/15	Combs, Ty	9/21/15	View
26	Abbas, David	Pilot Butte Campus		Not Started	9/18/15				
27	Combs, Ken	Pilot Butte Campus		Complete	9/18/15	9/16/15	Combs, Ken	9/16/15	View
28	Parent, Ethan	Water Reclamation Facility		Complete	9/18/15	9/10/15	Parent, Ethan	9/10/15	View

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Row	Assigned			Due Date	Start	Completed		View
	To	Location	Progress			By	On	
29	Walling, Tom	Water Reclamation Facility	Complete	9/18/15	9/17/15	Walling, Tom	9/17/15	View
30	Utley, Aaron	Water Reclamation Facility	Complete	9/18/15	9/8/15	Utley, Aaron	9/8/15	View
31	Armenta, David	Boyd Acres	Complete	9/18/15	9/10/15	Armenta, David	9/10/15	View
32	Lessar, Joshua	Pilot Butte Campus	Complete	9/18/15	9/10/15	Lessar, Joshua	9/10/15	View
33	Winter, Scott	Boyd Acres	Complete	9/18/15	9/4/15	Winter, Scott	9/4/15	View
34	Goe, Kerry	Pilot Butte Campus	Complete	9/18/15	11/18/15	Goe, Kerry	11/18/15	View
35	Trask, Kris	Boyd Acres	Complete	9/18/15	1/20/16	Trask, Kris	1/20/16	View
36	Gillespie, Rhett	Bend Municipal Airport	Complete	1/4/16	2/17/16	Gillespie, Rhett	2/17/16	View
37	LaCasse, Gary	Pilot Butte Campus	Complete	5/26/16	8/3/16	LaCasse, Gary	8/3/16	View
38	Bean, Everett	Pilot Butte Campus	Not Started	4/12/16				
39	Newton, Joe	Pilot Butte Campus	Complete	9/18/15	9/15/15	Newton, Joe	9/15/15	View
40	Woods, Rawlin	Boyd Acres	Complete	9/18/15	9/14/15	Woods, Rawlin	9/14/15	View
41	Follose, Brandon	Boyd Acres	Complete	9/18/15	9/10/15	Follose, Brandon	9/10/15	View
42	Beck, Troy	Boyd Acres	Complete	9/18/15	11/30/15	Beck, Troy	11/30/15	View
43	Alley, Mary Beth	Pilot Butte Campus	Complete	9/18/15	9/14/15	Alley, Mary Beth	9/14/15	View

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Compliance Detail

City of Bend

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Row	Assigned			Completed				
	To	Location	Progress	Due Date	Start	By	On	View
44	Daniel, Jay	Pilot Butte Campus	Complete	9/18/15	11/23/15	Daniel, Jay	11/23/15	View
45	Wood, Chris	Boyd Acres	Complete	9/18/15	9/9/15	Wood, Chris	9/9/15	View
46	Edwards, Mike	Boyd Acres	Complete	9/18/15	9/16/15	Edwards, Mike	9/16/15	View
47	McQuillen, Christy	Pilot Butte Campus	Not Started	9/18/15				
48	Cashwell, Spencer	Boyd Acres	Complete	9/18/15	9/10/15	Cashwell, Spencer	9/10/15	View
49	Oliver, Josh	Pilot Butte Campus	Complete	9/18/15	10/28/15	Oliver, Josh	10/28/15	View
50	Cannon, Dennis	Pilot Butte Campus	Complete	9/18/15	11/13/15	Cannon, Dennis	11/13/15	View
51	Walsworth, Justin	Boyd Acres	Complete	9/18/15	9/17/15	Walsworth, Justin	9/17/15	View
52	Kadow, Gina	Bend Municipal Airport	Complete	9/18/15	9/24/15	Kadow, Gina	9/24/15	View
53	Rounds, Stuart	Boyd Acres	Complete	9/18/15	9/10/15	Rounds, Stuart	9/10/15	View
54	Cota, Tony	Pilot Butte Campus	Complete	9/18/15	9/14/15	Cota, Tony	9/14/15	View
55	Volkman, Richard	Pilot Butte Campus	Complete	9/18/15	10/1/15	Volkman, Richard	10/1/15	View
56	Somers, Travis	Boyd Acres	Complete	9/18/15	9/10/15	Somers, Travis	12/24/15	View
57	Thomasson, Shanon (John)	Pilot Butte Campus	Complete	9/18/15	11/3/15	Thomasson, Shanon (John)	11/3/15	View
58	Neiswonger, Paul	Pilot Butte Campus	Complete	9/18/15	10/15/15	Neiswonger, Paul	10/15/15	View
59	Wolter, Mark	Boyd Acres	Complete	9/18/15	12/24/15	Wolter, Mark	12/24/15	View

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City of Bend

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
60	Lee, Dave	Boyd Acres	Complete	9/18/15	10/12/15	Lee, Dave	10/12/15	View
61	Graham, Kelly	Boyd Acres	Complete	9/18/15	9/8/15	Graham, Kelly	9/8/15	View
62	Hamilton, Grant	Boyd Acres	Complete	9/18/15	9/9/15	Hamilton, Grant	9/9/15	View
63	Sweet, Connie	Boyd Acres	Complete	9/18/15	9/10/15	Sweet, Connie	9/10/15	View
64	Borrego, David	Boyd Acres	Complete	9/18/15	9/10/15	Borrego, David	9/10/15	View
65	Scarbrough, Saedell	Pilot Butte Campus	Complete	9/18/15	10/30/15	Scarbrough, Saedell	10/30/15	View
66	Dorsey, Christine	Pilot Butte Campus	Complete	9/18/15	9/11/15	Dorsey, Christine	9/11/15	View
67	Morrison, George	Pilot Butte Campus	Not Started	9/18/15				
68	Hanson, Hardy	Pilot Butte Campus	Not Started	9/18/15				
69	Finney, Lance	Water Reclamation Facility	Complete	11/30/15	12/15/15	Finney, Lance	12/15/15	View
70	Bradley III, Roy	Water Reclamation Facility	Complete	3/21/16	3/30/16	Bradley III, Roy	3/30/16	View
71	Prince, Jeannette	Pilot Butte Campus	Complete	9/18/15	9/8/15	Prince, Jeannette	9/8/15	View
72	Clarno, Karen	Boyd Acres	Complete	9/18/15	9/17/15	Clarno, Karen	9/17/15	View
73	Prazak, Steve	Boyd Acres	Complete	9/18/15	9/17/15	Prazak, Steve	9/17/15	View
74	Meistrell, Brenda	Pilot Butte Campus	Complete	9/18/15	9/10/15	Meistrell, Brenda	9/10/15	View
75	Somers, Robyn	Boyd Acres	Complete	9/18/15	9/10/15	Somers, Robyn	9/10/15	View

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Compliance Detail
City of Bend

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Row	Assigned			Due Date	Start	Completed		
	To	Location	Progress			By	On	View
76	Skaggs, Dan	Boyd Acres	Complete	9/18/15	9/17/15	Skaggs, Dan	9/17/15	View
77	Schmidt, Daniel	Pilot Butte Campus	Complete	9/18/15	10/19/15	Schmidt, Daniel	10/19/15	View
78	Gardner, Lucas	Pilot Butte Campus	Complete	9/18/15	9/10/15	Gardner, Lucas	9/10/15	View
79	Findley, Mike	Boyd Acres	Complete	9/18/15	11/23/15	Findley, Mike	11/23/15	View
80	Sanvitale, Spencer	Boyd Acres	Complete	9/18/15	9/10/15	Sanvitale, Spencer	9/10/15	View
81	Hobbs, Eric	Boyd Acres	Complete	9/18/15	9/9/15	Hobbs, Eric	9/9/15	View
82	Byrd, Daniel	Pilot Butte Campus	Complete	9/18/15	9/16/15	Byrd, Daniel	9/16/15	View
83	Buystedt, Jeff	Water Reclamation Facility	Complete	9/18/15	2/4/16	Buystedt, Jeff	2/4/16	View
84	Hansen, Matthew	Water Reclamation Facility	Complete	9/18/15	1/2/16	Hansen, Matthew	1/2/16	View
85	Armer, Mike	Pilot Butte Campus	Complete	9/18/15	9/9/15	Armer, Mike	9/9/15	View
86	Stensland, David	Boyd Acres	Complete	9/18/15	9/17/15	Stensland, David	9/17/15	View
87	Milligan, Will	Boyd Acres	Complete	9/18/15	9/11/15	Milligan, Will	9/11/15	View
88	Buchanan, David	Boyd Acres	Complete	9/18/15	9/17/15	Buchanan, David	9/17/15	View
89	McConnell, George	Water Reclamation Facility	Complete	9/18/15	9/11/15	McConnell, George	9/11/15	View
90	Lindsey, James	Pilot Butte Campus	Complete	9/18/15	9/9/15	Lindsey, James	9/9/15	View

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Compliance Detail

City of Bend

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
91	McCloskey, Marcus	Boyd Acres	Complete	9/18/15	9/10/15	McCloskey, Marcus	9/10/15	View
92	Blackwelder, Brice	Boyd Acres	Complete	9/18/15	9/17/15	Blackwelder, Brice	9/17/15	View
93	Mosher, Chris	Boyd Acres	Complete	9/18/15	12/3/15	Mosher, Chris	12/3/15	View
94	Carlson, Tim	Water Reclamation Facility	Complete	9/18/15	9/17/15	Carlson, Tim	9/17/15	View
95	Barnes, Drexell	Water Reclamation Facility	Complete	9/18/15	9/17/15	Barnes, Drexell	9/17/15	View
96	Winter, Kyle	Boyd Acres	Complete	9/18/15	9/10/15	Winter, Kyle	9/10/15	View
97	Mingus, Rod	Boyd Acres	Complete	9/18/15	11/13/15	Mingus, Rod	11/13/15	View
98	Oak, David	Boyd Acres	Complete	9/18/15	9/18/15	Oak, David	9/18/15	View
99	Price, Julie	Boyd Acres	Complete	9/18/15	10/29/15	Price, Julie	10/29/15	View
100	Qual, Craig	Pilot Butte Campus	Complete	9/18/15	10/12/15	Qual, Craig	10/12/15	View
101	Mastrud, Corey	Boyd Acres	Complete	9/18/15	9/8/15	Mastrud, Corey	9/8/15	View
102	Vieira, Steven	Boyd Acres	Complete	9/18/15	9/11/15	Vieira, Steven	9/11/15	View
103	Jackson, Dylan	Pilot Butte Campus	Complete	9/18/15	9/14/15	Jackson, Dylan	9/14/15	View
104	Packebush, Warren	Boyd Acres	Complete	9/18/15	9/17/15	Packebush, Warren	9/17/15	View
105	Leath, David	Boyd Acres	Complete	9/28/15	4/28/16	Leath, David	4/28/16	View
106	Truax, Tim	Water Reclamation Facility	Not Started	11/10/15				

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Compliance Detail

City of Bend

Filtered by: Training: Leaky Equipment and Fueling Training

Row	Assigned		Progress	Due Date	Start	Completed		View
	To	Location				By	On	
107	Baker, Galen	Pilot Butte Campus	Not Started	9/18/15				
108	Barnard, Justin	Pilot Butte Campus	Complete	3/28/16	5/17/16	Barnard, Justin	5/17/16	View
109	Chamberlain, Eric	Boyd Acres	Complete	5/10/16	5/23/16	Chamberlain, Eric	5/23/16	View
110	Mickey, Marc	Water Reclamation Facility	Complete	9/18/15	9/11/15	Mickey, Marc	9/11/15	View
111	Schwartz, James	Pilot Butte Campus	Complete	9/18/15	7/7/16	Schwartz, James	7/7/16	View
112	Edde, Wendy	Boyd Acres	Complete	9/18/15	10/1/15	Edde, Wendy	10/1/15	View
113	Blake, Christopher	Pilot Butte Campus	Complete	9/18/15	9/23/15	Blake, Christopher	9/23/15	View
114	Buhmann, Donald	Boyd Acres	Complete	9/18/15	9/28/15	Buhmann, Donald	9/28/15	View
115	Hall, Matt	Boyd Acres	Complete	9/18/15	9/21/15	Hall, Matt	9/21/15	View
116	Ostendorff, Shannon	Boyd Acres	Complete	9/18/15	7/14/16	Ostendorff, Shannon	7/14/16	View
117	Newberg, Doug	Pilot Butte Campus	Complete	9/18/15	9/10/15	Newberg, Doug	9/10/15	View
118	Donato, Natalie	Boyd Acres	Complete	9/18/15	9/10/15	Donato, Natalie	9/10/15	View
119	Borgognoni, Sam	Water Reclamation Facility	Complete	9/18/15	9/18/15	Borgognoni, Sam	9/18/15	View
120	Judd, Gary	Bend Municipal Airport	Complete	9/18/15	9/10/15	Judd, Gary	9/10/15	View
121	Larson, Ron	Boyd Acres	Complete	9/18/15	9/9/15	Larson, Ron	9/9/15	View

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Row	Assigned			Due Date	Start	Completed		View
	To	Location	Progress			By	On	
122	Petitmermet, Sean	Boyd Acres	Complete	9/18/15	9/10/15	Petitmermet, Sean	9/10/15	View
123	Moulder, Lon	Water Reclamation Facility	Complete	9/18/15	9/22/15	Moulder, Lon	9/22/15	View
124	Gillette, Mike	Boyd Acres	Complete	9/18/15	11/5/15	Gillette, Mike	11/5/15	View
125	Smith, William	Pilot Butte Campus	Complete	9/18/15	12/16/15	Smith, William	12/16/15	View
126	Klotz, Ian	Boyd Acres	Complete	9/18/15	9/22/15	Klotz, Ian	9/22/15	View
127	Richmond, Paul "Stu"	Boyd Acres	Complete	9/18/15	9/10/15	Richmond, Paul "Stu"	9/10/15	View
128	Babich, Tyler	Boyd Acres	Complete	9/18/15	9/11/15	Babich, Tyler	9/11/15	View
129	Rader, Barbara	Pilot Butte Campus	Complete	9/18/15	9/17/15	Rader, Barbara	9/17/15	View
130	Kuss, Richard	Boyd Acres	Complete	9/18/15	9/17/15	Kuss, Richard	9/17/15	View
131	Wright, Kim	Boyd Acres	Complete	9/18/15	9/9/15	Wright, Kim	9/9/15	View
132	Stenkamp, Skippy	Pilot Butte Campus	Complete	9/18/15	9/8/15	Stenkamp, Skippy	9/8/15	View
133	Packebush (pka: Kristiansen), Mary	Boyd Acres	Complete	9/18/15	9/4/15	Packebush (pka: Kristiansen), Mary	9/4/15	View
134	Munson, AJ	Pilot Butte Campus	Complete	9/18/15	9/14/15	Munson, AJ	9/14/15	View
135	Richardson, Ty	Boyd Acres	Complete	9/18/15	1/28/16	Richardson, Ty	1/28/16	View
136	Davenport, Christina	Boyd Acres	Complete	9/18/15	9/29/15	Davenport, Christina	9/29/15	View

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Row	Assigned			Completed				
	To	Location	Progress	Due Date	Start	By	On	View
137	Jones, Shane	Pilot Butte Campus	Complete	9/18/15	10/20/15	Jones, Shane	10/20/15	View
138	Ristoff, Kelly	Boyd Acres	Complete	9/18/15	9/18/15	Ristoff, Kelly	9/18/15	View
139	Lancaster, Quirt	Pilot Butte Campus	Complete	9/18/15	9/18/15	Lancaster, Quirt	9/18/15	View
140	Hall, Harold "Jimmy"	Pilot Butte Campus	Complete	9/18/15	9/9/15	Hall, Harold "Jimmy"	9/9/15	View
141	Gardner, Greg "Scott"	Boyd Acres	Complete	9/18/15	9/8/15	Gardner, Greg "Scott"	9/8/15	View
142	McAteer, Nick	Boyd Acres	Complete	12/7/15	12/31/15	McAteer, Nick	12/31/15	View
143	Dennis, Jay	Pilot Butte Campus	Complete	3/28/16	5/19/16	Dennis, Jay	5/19/16	View
144	Denning, Dan	Boyd Acres	Complete	8/8/16	9/8/16	Denning, Dan	9/8/16	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
1	Edwards, Mike	Boyd Acres	Complete	9/30/15	9/16/15	Edwards, Mike	9/16/15	View
2	Packebush, Warren	Boyd Acres	Complete	9/30/15	9/17/15	Packebush, Warren	9/17/15	View
3	Lindsey, James	Pilot Butte Campus	Complete	9/30/15	10/9/15	Lindsey, James	10/9/15	View
4	Wolter, Mark	Boyd Acres	Complete	9/30/15	12/24/15	Wolter, Mark	12/24/15	View
5	Graham, Kelly	Boyd Acres	Complete	9/30/15	10/1/15	Graham, Kelly	10/1/15	View
6	Pierce, David	Pilot Butte Campus	Not Started	9/30/15				
7	Somers, Travis	Boyd Acres	Complete	9/30/15	12/24/15	Somers, Travis	12/24/15	View
8	Canaday, Diane	Pilot Butte Campus	Complete	9/30/15	10/29/15	Canaday, Diane	10/29/15	View
9	Vieira, Steven	Boyd Acres	Complete	9/30/15	10/1/15	Vieira, Steven	10/1/15	View
10	McConnell, George	Water Reclamation Facility	Complete	9/30/15	9/24/15	McConnell, George	9/24/15	View
11	Woods, Rawlin	Boyd Acres	Complete	9/30/15	9/17/15	Woods, Rawlin	10/1/15	View
12	Judd, Arthur	Boyd Acres	Complete	9/30/15	9/17/15	Judd, Arthur	9/17/15	View
13	Riley, Steve	Boyd Acres	Complete	9/30/15	9/17/15	Riley, Steve	9/17/15	View
14	Alley, Mary Beth	Pilot Butte Campus	Complete	9/30/15	9/21/15	Alley, Mary Beth	9/21/15	View
15	Walsworth, Justin	Boyd Acres	Complete	9/30/15	9/17/15	Walsworth, Justin	9/17/15	View
16	Hanson, Hardy	Pilot Butte Campus	Not Started	9/30/15				
17	Skaggs, Dan	Boyd Acres	Complete	9/30/15	9/17/15	Skaggs, Dan	9/17/15	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
18	Kuss, Richard	Boyd Acres	Complete	9/30/15	9/17/15	Kuss, Richard	9/17/15	View
19	Oak, David	Boyd Acres	Complete	9/30/15	9/18/15	Oak, David	9/18/15	View
20	Klotz, Ian	Boyd Acres	Complete	9/30/15	11/9/15	Klotz, Ian	11/9/15	View
21	Walling, Tom	Water Reclamation Facility	Complete	9/30/15	9/17/15	Walling, Tom	9/17/15	View
22	Utley, Aaron	Water Reclamation Facility	Complete	9/30/15	9/17/15	Utley, Aaron	9/17/15	View
23	Lessar, Joshua	Pilot Butte Campus	Complete	9/30/15	9/17/15	Lessar, Joshua	9/17/15	View
24	Schmidt, Daniel	Pilot Butte Campus	Complete	9/30/15	10/19/15	Schmidt, Daniel	10/19/15	View
25	Mastrud, Corey	Boyd Acres	Complete	9/30/15	10/23/15	Mastrud, Corey	10/23/15	View
26	Goe, Kerry	Pilot Butte Campus	Complete	9/30/15	11/17/15	Goe, Kerry	11/17/15	View
27	Barnard, Justin	Pilot Butte Campus	Complete	3/28/16	5/18/16	Barnard, Justin	5/18/16	View
28	Denning, Dan	Boyd Acres	Complete	8/8/16	9/8/16	Denning, Dan	9/8/16	View
29	Beck, Troy	Boyd Acres	Complete	9/30/15	11/30/15	Beck, Troy	11/30/15	View
30	Rogers, William "Ed"	Water Reclamation Facility	Complete	9/30/15	12/10/15	Rogers, William "Ed"	12/10/15	View
31	Hall, Harold "Jimmy"	Pilot Butte Campus	Complete	9/30/15	10/9/15	Hall, Harold "Jimmy"	10/9/15	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
32	Packebush (pka: Kristiansen), Mary	Boyd Acres	Complete	9/30/15	9/30/15	Packebush (pka: Kristiansen), Mary	9/30/15	View
33	Larson, Ron	Boyd Acres	Complete	9/30/15	9/16/15	Larson, Ron	9/16/15	View
34	Davenport, Christina	Boyd Acres	Complete	9/30/15	9/29/15	Davenport, Christina	9/29/15	View
35	Sanvitale, Spencer	Boyd Acres	Complete	9/30/15	9/17/15	Sanvitale, Spencer	9/17/15	View
36	Schwartz, James	Pilot Butte Campus	Complete	9/30/15	7/7/16	Schwartz, James	7/7/16	View
37	Daniel, Jay	Pilot Butte Campus	Complete	9/30/15	11/23/15	Daniel, Jay	11/23/15	View
38	Newberg, Doug	Pilot Butte Campus	Complete	9/30/15	9/17/15	Newberg, Doug	9/17/15	View
39	Prince, Jeannette	Pilot Butte Campus	Complete	9/30/15	9/17/15	Prince, Jeannette	9/17/15	View
40	Price, Julie	Boyd Acres	Complete	9/30/15	10/29/15	Price, Julie	10/29/15	View
41	Brick, Paul	Boyd Acres	Complete	9/30/15	12/10/15	Brick, Paul	12/10/15	View
42	Gillette, Mike	Boyd Acres	Complete	9/30/15	11/5/15	Gillette, Mike	11/5/15	View
43	Roshone, Elmer	Water Reclamation Facility	Complete	9/30/15	9/20/15	Roshone, Elmer	9/20/15	View
44	Petitmermet, Sean	Boyd Acres	Complete	9/30/15	9/21/15	Petitmermet, Sean	9/21/15	View
45	Volkman, Richard	Pilot Butte Campus	Complete	9/30/15	10/1/15	Volkman, Richard	10/1/15	View
46	Byrd, Steve	Boyd Acres	Complete	9/30/15	9/21/15	Byrd, Steve	9/21/15	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
47	Oliver, Josh	Pilot Butte Campus	Complete	9/30/15	10/28/15	Oliver, Josh	10/28/15	View
48	Thompson, Scott	Water Reclamation Facility	Complete	9/30/15	1/25/16	Thompson, Scott	1/25/16	View
49	Hansen, Matthew	Water Reclamation Facility	Complete	9/30/15	1/2/16	Hansen, Matthew	1/2/16	View
50	Byrd, Daniel	Pilot Butte Campus	Complete	9/30/15	9/16/15	Byrd, Daniel	9/16/15	View
51	Patterson, Tyler	Boyd Acres	Complete	9/30/15	10/28/15	Patterson, Tyler	10/28/15	View
52	Combs, Ken	Pilot Butte Campus	Complete	9/30/15	9/16/15	Combs, Ken	9/16/15	View
53	McCloskey, Marcus	Boyd Acres	Complete	9/30/15	10/1/15	McCloskey, Marcus	10/1/15	View
54	Blake, Christopher	Pilot Butte Campus	Complete	9/30/15	10/12/15	Blake, Christopher	10/12/15	View
55	Wright, Kim	Boyd Acres	Complete	9/30/15	9/24/15	Wright, Kim	9/24/15	View
56	Moulder, Lon	Water Reclamation Facility	Complete	9/30/15	9/22/15	Moulder, Lon	9/22/15	View
57	Winter, Kyle	Boyd Acres	Complete	9/30/15	10/1/15	Winter, Kyle	10/1/15	View
58	Scarbrough, Saedell	Pilot Butte Campus	Complete	9/30/15	10/9/15	Scarbrough, Saedell	10/9/15	View
59	Armenta, David	Boyd Acres	Complete	9/30/15	10/8/15	Armenta, David	10/8/15	View
60	Buhmann, Donald	Boyd Acres	Complete	9/30/15	9/28/15	Buhmann, Donald	9/28/15	View
61	Babich, Tyler	Boyd Acres	Complete	9/30/15	9/24/15	Babich, Tyler	9/24/15	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
62	Hall, Matt	Boyd Acres	Complete	9/30/15	9/21/15	Hall, Matt	9/21/15	View
63	Mosher, Chris	Boyd Acres	Complete	9/30/15	12/3/15	Mosher, Chris	12/3/15	View
64	Rader, Barbara	Pilot Butte Campus	Complete	9/30/15	9/17/15	Rader, Barbara	9/17/15	View
65	Cota, Tony	Pilot Butte Campus	Complete	9/30/15	10/28/15	Cota, Tony	10/28/15	View
66	Malinowski, Adam	Pilot Butte Campus	Complete	9/30/15	10/1/15	Malinowski, Adam	10/1/15	View
67	Elpi-Trainor, Michelle	Water Reclamation Facility	Complete	9/30/15	10/4/15	Elpi-Trainor, Michelle	10/4/15	View
68	Leath, David	Boyd Acres	Complete	9/30/15	10/13/15	Leath, David	10/13/15	View
69	Trask, Kris	Boyd Acres	Complete	9/30/15	4/25/16	Trask, Kris	4/25/16	View
70	Truax, Tim	Water Reclamation Facility	Not Started	11/10/15				
71	Gillespie, Rhett	Bend Municipal Airport	Complete	1/4/16	2/17/16	Gillespie, Rhett	2/17/16	View
72	Chamberlain, Eric	Boyd Acres	Complete	5/10/16	5/23/16	Chamberlain, Eric	5/23/16	View
73	Bean, Everett	Pilot Butte Campus	Not Started	4/12/16				
74	Prazak, Steve	Boyd Acres	Complete	9/30/15	10/1/15	Prazak, Steve	10/1/15	View
75	Jones, Shane	Pilot Butte Campus	Complete	9/30/15	10/20/15	Jones, Shane	10/20/15	View
76	Meistrell, Brenda	Pilot Butte Campus	Complete	9/30/15	9/17/15	Meistrell, Brenda	9/17/15	View

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Row	Assigned			Due Date	Start	Completed		
	To	Location	Progress			By	On	View
77	Gardner, Lucas	Pilot Butte Campus	Complete	9/30/15	9/15/15	Gardner, Lucas	9/15/15	View
78	Howe, Carl	Pilot Butte Campus	Complete	9/30/15	7/20/16	Howe, Carl	7/20/16	View
79	Blackwelder, Brice	Boyd Acres	Complete	9/30/15	9/17/15	Blackwelder, Brice	9/17/15	View
80	Morrison, George	Pilot Butte Campus	Not Started	9/30/15				
81	Winter, Scott	Boyd Acres	Complete	9/30/15	9/18/15	Winter, Scott	9/18/15	View
82	Buchanan, David	Boyd Acres	Complete	9/30/15	9/17/15	Buchanan, David	9/17/15	View
83	Mingus, Rod	Boyd Acres	Complete	9/30/15	11/13/15	Mingus, Rod	11/13/15	View
84	Sweet, Connie	Boyd Acres	Complete	9/30/15	9/24/15	Sweet, Connie	9/24/15	View
85	Clarno, Karen	Boyd Acres	Complete	9/30/15	9/17/15	Clarno, Karen	9/17/15	View
86	Carlson, Tim	Water Reclamation Facility	Complete	9/30/15	9/17/15	Carlson, Tim	9/17/15	View
87	Edde, Wendy	Boyd Acres	Complete	9/30/15	10/1/15	Edde, Wendy	10/1/15	View
88	Moody, Reese	Boyd Acres	Complete	9/30/15	10/22/15	Moody, Reese	10/22/15	View
89	Borgognoni, Sam	Water Reclamation Facility	Complete	9/30/15	9/18/15	Borgognoni, Sam	9/18/15	View
90	Taylor, Oakley	Boyd Acres	Complete	9/30/15	10/12/15	Taylor, Oakley	10/12/15	View
91	Cashwell, Spencer	Boyd Acres	Complete	9/30/15	9/21/15	Cashwell, Spencer	9/21/15	View
92	McQuillen, Christy	Pilot Butte Campus	Not Started	9/30/15				

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Row	Assigned			Due Date	Start	Completed		View
	To	Location	Progress			By	On	
93	Kadow, Gina	Bend Municipal Airport	Complete	9/30/15	9/24/15	Kadow, Gina	9/24/15	View
94	Follose, Brandon	Boyd Acres	Complete	9/30/15	9/17/15	Follose, Brandon	9/17/15	View
95	Fore, Erynne	Water Reclamation Facility	Complete	9/30/15	10/6/15	Fore, Erynne	10/6/15	View
96	Hobbs, Eric	Boyd Acres	Complete	9/30/15	9/23/15	Hobbs, Eric	9/23/15	View
97	Gardner, Greg "Scott"	Boyd Acres	Complete	9/30/15	10/1/15	Gardner, Greg "Scott"	10/1/15	View
98	Burghardt, Joe	Water Reclamation Facility	Complete	9/30/15	9/24/15	Burghardt, Joe	9/24/15	View
99	Somers, Robyn	Boyd Acres	Complete	9/30/15	9/24/15	Somers, Robyn	9/24/15	View
100	Hopkins, Robert	Boyd Acres	Complete	9/30/15	9/15/15	Hopkins, Robert	9/15/15	View
101	Borrego, David	Boyd Acres	Complete	9/30/15	9/17/15	Borrego, David	9/17/15	View
102	Cannon, Dennis	Pilot Butte Campus	Complete	9/30/15	11/13/15	Cannon, Dennis	11/13/15	View
103	Ristoff (AKA: Briggs), Teresa	Boyd Acres	Complete	9/30/15	9/21/15	Ristoff (AKA: Briggs), Teresa	9/21/15	View
104	Alexander, Mark	Pilot Butte Campus	Complete	9/30/15	12/9/15	Alexander, Mark	12/9/15	View
105	McAteer, Nick	Boyd Acres	Complete	12/7/15	1/22/16	McAteer, Nick	1/22/16	View
106	Baker, Galen	Pilot Butte Campus	Not Started	9/30/15				

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Row	Assigned		Progress	Due Date	Start	Completed		View
	To	Location				By	On	
107	Bradley III, Roy	Water Reclamation Facility	Complete	3/21/16	3/30/16	Bradley III, Roy	3/30/16	View
108	Dennis, Jay	Pilot Butte Campus	Complete	3/28/16	5/19/16	Dennis, Jay	5/19/16	View
109	Buystedt, Jeff	Water Reclamation Facility	Complete	9/30/15	10/2/15	Buystedt, Jeff	10/2/15	View
110	Richmond, Paul "Stu"	Boyd Acres	Complete	9/30/15	9/17/15	Richmond, Paul "Stu"	9/17/15	View
111	Qual, Craig	Pilot Butte Campus	Complete	9/30/15	10/12/15	Qual, Craig	10/12/15	View
112	Lee, Dave	Boyd Acres	Complete	9/30/15	10/12/15	Lee, Dave	10/12/15	View
113	Jackson, Dylan	Pilot Butte Campus	Complete	9/30/15	1/8/16	Jackson, Dylan	1/8/16	View
114	Armer, Mike	Pilot Butte Campus	Complete	9/30/15	9/22/15	Armer, Mike	9/22/15	View
115	Mickey, Marc	Water Reclamation Facility	Complete	9/30/15	9/24/15	Mickey, Marc	9/24/15	View
116	Vaughan, Ken	Boyd Acres	Complete	9/30/15	9/17/15	Vaughan, Ken	9/17/15	View
117	Stenkamp, Skippy	Pilot Butte Campus	Complete	9/30/15	9/21/15	Stenkamp, Skippy	9/21/15	View
118	Abbas, David	Pilot Butte Campus	Not Started	9/30/15				
119	Munson, AJ	Pilot Butte Campus	Complete	9/30/15	9/15/15	Munson, AJ	9/15/15	View
120	Vencill, Gary	Boyd Acres	Complete	9/30/15	9/17/15	Vencill, Gary	9/17/15	View
121	Findley, Mike	Boyd Acres	Complete	9/30/15	11/23/15	Findley, Mike	11/23/15	View

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Row	Assigned			Due Date	Start	Completed		View
	To	Location	Progress			By	On	
122	Rounds, Stuart	Boyd Acres	Complete	9/30/15	9/21/15	Rounds, Stuart	9/21/15	View
123	Ostendorff, Shannon	Boyd Acres	Complete	9/30/15	7/14/16	Ostendorff, Shannon	7/14/16	View
124	Wood, Chris	Boyd Acres	Complete	9/30/15	9/16/15	Wood, Chris	9/16/15	View
125	Smith, William	Pilot Butte Campus	Complete	9/30/15	12/16/15	Smith, William	12/16/15	View
126	Barnes, Drexell	Water Reclamation Facility	Complete	9/30/15	9/17/15	Barnes, Drexell	9/17/15	View
127	Combs, Ty	Pilot Butte Campus	Complete	9/30/15	9/21/15	Combs, Ty	9/21/15	View
128	Waldrop, Will	Pilot Butte Campus	Complete	9/30/15	9/17/15	Waldrop, Will	9/17/15	View
129	Parent, Ethan	Water Reclamation Facility	Complete	9/30/15	9/29/15	Parent, Ethan	9/29/15	View
130	Judd, Gary	Bend Municipal Airport	Complete	9/30/15	9/18/15	Judd, Gary	9/18/15	View
131	Ristoff, Kelly	Boyd Acres	Complete	9/30/15	9/18/15	Ristoff, Kelly	9/18/15	View
132	Richardson, Ty	Boyd Acres	Complete	9/30/15	1/28/16	Richardson, Ty	1/28/16	View
133	Newton, Joe	Pilot Butte Campus	Complete	9/30/15	9/15/15	Newton, Joe	9/15/15	View
134	Thomasson, Shanon (John)	Pilot Butte Campus	Complete	9/30/15	11/5/15	Thomasson, Shanon (John)	11/5/15	View
135	Libolt, Orrin	Boyd Acres	Complete	9/30/15	9/17/15	Libolt, Orrin	9/17/15	View
136	Milligan, Will	Boyd Acres	Complete	9/30/15	9/29/15	Milligan, Will	9/29/15	View

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	To	Location	By				On		
137	Neiswonger, Paul	Pilot Butte Campus	Complete	9/30/15	10/15/15	Neiswonger, Paul	10/15/15	View	
138	Donato, Natalie	Boyd Acres	Complete	9/30/15	9/17/15	Donato, Natalie	9/17/15	View	
139	Lancaster, Quirt	Pilot Butte Campus	Complete	9/30/15	9/18/15	Lancaster, Quirt	9/18/15	View	
140	Stensland, David	Boyd Acres	Complete	9/30/15	9/17/15	Stensland, David	9/17/15	View	
141	Dorsey, Christine	Pilot Butte Campus	Complete	9/30/15	9/17/15	Dorsey, Christine	9/17/15	View	
142	Hamilton, Grant	Boyd Acres	Complete	9/30/15	9/18/15	Hamilton, Grant	9/18/15	View	
143	Finney, Lance	Water Reclamation Facility	Complete	11/30/15	12/15/15	Finney, Lance	12/15/15	View	
144	LaCasse, Gary	Pilot Butte Campus	Complete	5/26/16	8/3/16	LaCasse, Gary	8/3/16	View	

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
1	Gillette, Mike	Boyd Acres	Complete	5/31/16	5/9/16	Gillette, Mike	5/9/16	View
2	Daniel, Jay	Pilot Butte Campus	Complete	5/31/16	6/23/16	Daniel, Jay	6/23/16	View
3	Ristoff, Kelly	Boyd Acres	Complete	5/31/16	5/17/16	Ristoff, Kelly	5/17/16	View
4	Lancaster, Quirt	Pilot Butte Campus	Complete	5/31/16	5/16/16	Lancaster, Quirt	5/16/16	View
5	Cashwell, Spencer	Boyd Acres	Complete	5/31/16	5/5/16	Cashwell, Spencer	5/5/16	View
6	Cannon, Dennis	Pilot Butte Campus	Not Started	5/31/16				
7	Lee, Dave	Boyd Acres	Complete	5/31/16	5/3/16	Lee, Dave	5/3/16	View
8	Judd, Arthur	Boyd Acres	Not Started	5/31/16				
9	Riley, Steve	Boyd Acres	Complete	5/31/16	6/2/16	Riley, Steve	6/2/16	View
10	Prince, Jeannette	Pilot Butte Campus	Complete	5/31/16	5/4/16	Prince, Jeannette	5/4/16	View
11	Taylor, Oakley	Boyd Acres	Complete	5/31/16	5/5/16	Taylor, Oakley	5/5/16	View
12	Findley, Mike	Boyd Acres	Complete	5/31/16	5/19/16	Findley, Mike	5/19/16	View
13	Babich, Tyler	Boyd Acres	Complete	5/31/16	5/11/16	Babich, Tyler	5/11/16	View
14	Patterson, Tyler	Boyd Acres	Complete	5/31/16	5/25/16	Patterson, Tyler	5/25/16	View
15	Carlson, Tim	Water Reclamation Facility	Complete	5/31/16	5/26/16	Carlson, Tim	5/26/16	View
16	Richardson, Ty	Boyd Acres	Complete	5/31/16	6/14/16	Richardson, Ty	6/14/16	View
17	Rounds, Stuart	Boyd Acres	Complete	5/31/16	5/5/16	Rounds, Stuart	5/5/16	View

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Row	Assigned			Progress	Due Date	Start	Completed		
	To	Location					By	On	View
18	Blake, Christopher	Pilot Butte Campus		Complete	5/31/16	5/4/16	Blake, Christopher	5/4/16	View
19	Cota, Tony	Pilot Butte Campus		Complete	5/31/16	6/21/16	Cota, Tony	6/21/16	View
20	Neiswonger, Paul	Pilot Butte Campus		Complete	5/31/16	6/2/16	Neiswonger, Paul	6/2/16	View
21	Follose, Brandon	Boyd Acres		Complete	5/31/16	5/5/16	Follose, Brandon	5/5/16	View
22	Gardner, Lucas	Pilot Butte Campus		Complete	5/31/16	5/18/16	Gardner, Lucas	5/18/16	View
23	Lessar, Joshua	Pilot Butte Campus		Complete	5/31/16	5/2/16	Lessar, Joshua	5/2/16	View
24	Davenport, Christina	Boyd Acres		Complete	5/31/16	6/13/16	Davenport, Christina	6/13/16	View
25	Hall, Matt	Boyd Acres		Complete	5/31/16	5/6/16	Hall, Matt	5/6/16	View
26	Robertson, Joshua	Wall St Annex		Not Started	5/31/16				
27	Webster, Jessica	Wall St Annex		Complete	5/31/16	6/2/16	Webster, Jessica	6/2/16	View
28	Barnard, Justin	Pilot Butte Campus		Complete	5/31/16	5/17/16	Barnard, Justin	5/17/16	View
29	Chamberlain, Eric	Boyd Acres		Complete	5/31/16	5/23/16	Chamberlain, Eric	5/23/16	View
30	Homgren, Joseph	Boyd Acres		Not Started	7/26/16				
31	Woods, Rawlin	Boyd Acres		Complete	5/31/16	5/5/16	Woods, Rawlin	5/5/16	View
32	Schwartz, James	Pilot Butte Campus		Complete	5/31/16	7/7/16	Schwartz, James	7/7/16	View
33	Somers, Robyn	Boyd Acres		Complete	5/31/16	5/5/16	Somers, Robyn	5/5/16	View

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Row	Assigned		Progress	Due Date	Start	Completed		View
	To	Location				By	On	
34	Combs, Ken	Pilot Butte Campus	Complete	5/31/16	5/17/16	Combs, Ken	5/17/16	View
35	Wood, Chris	Boyd Acres	Complete	5/31/16	5/3/16	Wood, Chris	5/3/16	View
36	Fore, Erynne	Water Reclamation Facility	Complete	5/31/16	5/5/16	Fore, Erynne	5/5/16	View
37	Konop, Patrick	Wall St Annex	Complete	5/31/16	6/9/16	Konop, Patrick	6/9/16	View
38	Borgognoni, Sam	Water Reclamation Facility	Complete	5/31/16	5/3/16	Borgognoni, Sam	5/3/16	View
39	Larson, Ron	Boyd Acres	Complete	5/31/16	5/2/16	Larson, Ron	5/2/16	View
40	Armer, Mike	Pilot Butte Campus	Complete	5/31/16	5/11/16	Armer, Mike	5/11/16	View
41	Petitmermet, Sean	Boyd Acres	Complete	5/31/16	5/4/16	Petitmermet, Sean	5/4/16	View
42	Smith, William	Pilot Butte Campus	Complete	5/31/16	5/5/16	Smith, William	5/5/16	View
43	Klotz, Ian	Boyd Acres	In-Process	5/31/16	7/21/16			
44	Thomasson, Shanon (John)	Pilot Butte Campus	Not Started	5/31/16				
45	Blackwelder, Brice	Boyd Acres	Complete	5/31/16	6/17/16	Blackwelder, Brice	6/17/16	View
46	Mosher, Chris	Boyd Acres	Complete	5/31/16	5/26/16	Mosher, Chris	5/26/16	View
47	Wolter, Mark	Boyd Acres	Complete	5/31/16	5/9/16	Wolter, Mark	5/9/16	View
48	Mingus, Rod	Boyd Acres	Complete	5/31/16	5/16/16	Mingus, Rod	5/16/16	View
49	Munson, AJ	Pilot Butte Campus	Complete	5/31/16	5/5/16	Munson, AJ	5/5/16	View

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Row	Assigned			Due Date	Start	Completed		
	To	Location	Progress			By	On	View
50	Qual, Craig	Pilot Butte Campus	Complete	5/31/16	5/5/16	Qual, Craig	5/5/16	View
51	Hopkins, Robert	Boyd Acres	Complete	5/31/16	5/3/16	Hopkins, Robert	5/3/16	View
52	Goe, Kerry	Pilot Butte Campus	Complete	5/31/16	5/18/16	Goe, Kerry	5/18/16	View
53	Packebush, Warren	Boyd Acres	Complete	5/31/16	5/24/16	Packebush, Warren	5/24/16	View
54	Vencill, Gary	Boyd Acres	Complete	5/31/16	5/6/16	Vencill, Gary	5/6/16	View
55	Bean, Everett	Pilot Butte Campus	Not Started	5/31/16				
56	Nichols, Garrett	Boyd Acres	Not Started	8/15/16				
57	Howe, Carl	Pilot Butte Campus	Not Started	5/31/16				
58	Parent, Ethan	Water Reclamation Facility	Complete	5/31/16	5/24/16	Parent, Ethan	5/24/16	View
59	Mickey, Marc	Water Reclamation Facility	Complete	5/31/16	5/9/16	Mickey, Marc	5/9/16	View
60	Beck, Troy	Boyd Acres	Complete	5/31/16	5/9/16	Beck, Troy	5/9/16	View
61	Brick, Paul	Boyd Acres	Complete	5/31/16	8/18/16	Brick, Paul	8/18/16	View
62	Bradley III, Roy	Water Reclamation Facility	Complete	5/31/16	6/2/16	Bradley III, Roy	6/2/16	View
63	Buhmann, Donald	Boyd Acres	Complete	5/31/16	6/22/16	Buhmann, Donald	6/22/16	View
64	Edwards, Mike	Boyd Acres	Complete	5/31/16	5/5/16	Edwards, Mike	5/5/16	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
65	Waldrop, Will	Pilot Butte Campus	Complete	5/31/16	5/10/16	Waldrop, Will	5/10/16	View
66	Hobbs, Eric	Boyd Acres	Complete	5/31/16	5/12/16	Hobbs, Eric	5/12/16	View
67	Byrd, Daniel	Pilot Butte Campus	Complete	5/31/16	5/9/16	Byrd, Daniel	5/9/16	View
68	Moody, Reese	Boyd Acres	Complete	5/31/16	9/22/16	Moody, Reese	9/22/16	View
69	Rogers, William "Ed"	Water Reclamation Facility	Complete	5/31/16	6/9/16	Rogers, William "Ed"	6/9/16	View
70	Milligan, Will	Boyd Acres	Complete	5/31/16	5/6/16	Milligan, Will	5/6/16	View
71	Winter, Scott	Boyd Acres	Complete	5/31/16	5/5/16	Winter, Scott	5/5/16	View
72	Volkman, Richard	Pilot Butte Campus	Complete	5/31/16	5/5/16	Volkman, Richard	5/5/16	View
73	Somers, Travis	Boyd Acres	Not Started	5/31/16				
74	Byrd, Steve	Boyd Acres	Complete	5/31/16	5/5/16	Byrd, Steve	5/5/16	View
75	Rader, Barbara	Pilot Butte Campus	Complete	5/31/16	5/11/16	Rader, Barbara	5/11/16	View
76	Kuss, Richard	Boyd Acres	Complete	5/31/16	5/5/16	Kuss, Richard	5/5/16	View
77	Stenkamp, Skippy	Pilot Butte Campus	Complete	5/31/16	5/10/16	Stenkamp, Skippy	5/10/16	View
78	Roshone, Elmer	Water Reclamation Facility	Complete	5/31/16	5/9/16	Roshone, Elmer	5/9/16	View
79	Thompson, Scott	Water Reclamation Facility	Complete	5/31/16	8/31/16	Thompson, Scott	8/31/16	View

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Row	Assigned			Progress	Due Date	Start	Completed		
	To	Location					By	On	View
80	Jones, Shane	Pilot Butte Campus		Not Started	5/31/16				
81	Mastrud, Corey	Boyd Acres		Complete	5/31/16	6/20/16	Mastrud, Corey	6/20/16	View
82	Hall, Harold "Jimmy"	Pilot Butte Campus		Complete	5/31/16	6/28/16	Hall, Harold "Jimmy"	6/28/16	View
83	Gardner, Greg "Scott"	Boyd Acres		Complete	5/31/16	8/19/16	Gardner, Greg "Scott"	8/19/16	View
84	Dennis, Jay	Pilot Butte Campus		Complete	5/31/16	5/19/16	Dennis, Jay	5/19/16	View
85	Denning, Dan	Boyd Acres		Complete	8/8/16	9/8/16	Denning, Dan	9/8/16	View
86	Sabourin, Garrett	Wall St Annex		Not Started	5/31/16				
87	Pierce, David	Pilot Butte Campus		Not Started	5/31/16				
88	Baker, Galen	Pilot Butte Campus		Not Started	5/31/16				
89	Newton, Joe	Pilot Butte Campus		Complete	5/31/16	5/25/16	Newton, Joe	5/25/16	View
90	Vaughan, Ken	Boyd Acres		Complete	5/31/16	5/5/16	Vaughan, Ken	5/5/16	View
91	Leath, David	Boyd Acres		Complete	5/31/16	5/5/16	Leath, David	5/5/16	View
92	Skaggs, Dan	Boyd Acres		Complete	5/31/16	5/5/16	Skaggs, Dan	5/5/16	View
93	Schmidt, Daniel	Pilot Butte Campus		Complete	5/31/16	5/17/16	Schmidt, Daniel	5/17/16	View
94	Finney, Lance	Water Reclamation Facility		Complete	5/31/16	6/23/16	Finney, Lance	6/23/16	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
95	Burghardt, Joe	Water Reclamation Facility	Complete	5/31/16	5/9/16	Burghardt, Joe	5/9/16	View
96	Libolt, Orrin	Boyd Acres	Complete	5/31/16	5/5/16	Libolt, Orrin	5/5/16	View
97	Newberg, Doug	Pilot Butte Campus	Complete	5/31/16	5/9/16	Newberg, Doug	5/9/16	View
98	Armenta, David	Boyd Acres	Complete	5/31/16	5/5/16	Armenta, David	5/5/16	View
99	Walsworth, Justin	Boyd Acres	Complete	5/31/16	5/5/16	Walsworth, Justin	5/5/16	View
100	Moulder, Lon	Water Reclamation Facility	Complete	5/31/16	6/9/16	Moulder, Lon	6/9/16	View
101	McConnell, George	Water Reclamation Facility	Complete	5/31/16	5/5/16	McConnell, George	5/5/16	View
102	Lindsey, James	Pilot Butte Campus	Complete	5/31/16	5/13/16	Lindsey, James	5/13/16	View
103	Combs, Ty	Pilot Butte Campus	Complete	5/31/16	6/2/16	Combs, Ty	6/2/16	View
104	McCloskey, Marcus	Boyd Acres	Complete	5/31/16	6/23/16	McCloskey, Marcus	6/23/16	View
105	Malinowski, Adam	Pilot Butte Campus	Complete	5/31/16	5/12/16	Malinowski, Adam	5/12/16	View
106	Graham, Kelly	Boyd Acres	Complete	5/31/16	5/5/16	Graham, Kelly	5/5/16	View
107	Hamilton, Grant	Boyd Acres	Complete	5/31/16	5/5/16	Hamilton, Grant	5/5/16	View
108	Oak, David	Boyd Acres	Complete	5/31/16	5/12/16	Oak, David	5/12/16	View
109	Borrego, David	Boyd Acres	Complete	5/31/16	5/5/16	Borrego, David	5/5/16	View

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Row	Assigned			Progress	Due Date	Start	Completed		View
	To	Location	By				On		
110	Scarborough, Saedell	Pilot Butte Campus	Complete	5/31/16	9/8/16	Scarborough, Saedell	9/8/16	View	
111	Vieira, Steven	Boyd Acres	Complete	5/31/16	6/7/16	Vieira, Steven	6/7/16	View	
112	Gillespie, Rhett	Bend Municipal Airport	Complete	5/31/16	6/14/16	Gillespie, Rhett	6/14/16	View	
113	Morrison, George	Pilot Butte Campus	Not Started	5/31/16					
114	Fugate, Lance	Pilot Butte Campus	Complete	6/16/16	8/3/16	Fugate, Lance	8/3/16	View	

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Row	Assigned			Due Date	Start	Completed		View
	To	Location	Progress			By	On	
1	Sweet, Connie	Boyd Acres	Complete	11/30/15	11/16/15	Sweet, Connie	11/16/15	View
2	Hamilton, Grant	Boyd Acres	Complete	11/30/15	11/17/15	Hamilton, Grant	11/17/15	View
3	Wolter, Mark	Boyd Acres	Complete	11/30/15	12/24/15	Wolter, Mark	12/24/15	View
4	Graham, Kelly	Boyd Acres	Complete	11/30/15	11/5/15	Graham, Kelly	11/5/15	View
5	Price, Julie	Boyd Acres	Complete	11/30/15	12/17/15	Price, Julie	12/17/15	View
6	Cashwell, Spencer	Boyd Acres	Complete	11/30/15	11/5/15	Cashwell, Spencer	11/5/15	View
7	Cannon, Dennis	Pilot Butte Campus	Complete	11/30/15	1/20/16	Cannon, Dennis	1/20/16	View
8	Somers, Travis	Boyd Acres	Complete	11/30/15	12/24/15	Somers, Travis	12/24/15	View
9	Schwartz, James	Pilot Butte Campus	Complete	11/30/15	7/7/16	Schwartz, James	7/7/16	View
10	Waldrop, Will	Pilot Butte Campus	Complete	11/30/15	11/12/15	Waldrop, Will	11/12/15	View
11	Burghardt, Joe	Water Reclamation Facility	Complete	11/30/15	12/3/15	Burghardt, Joe	12/3/15	View
12	Lee, Dave	Boyd Acres	Complete	11/30/15	11/13/15	Lee, Dave	11/13/15	View
13	Malinowski, Adam	Pilot Butte Campus	Complete	11/30/15	1/4/16	Malinowski, Adam	1/4/16	View
14	Qual, Craig	Pilot Butte Campus	Complete	11/30/15	11/5/15	Qual, Craig	11/5/15	View
15	Prazak, Steve	Boyd Acres	Complete	11/30/15	11/5/15	Prazak, Steve	11/5/15	View
16	Volkman, Richard	Pilot Butte Campus	Complete	11/30/15	12/31/15	Volkman, Richard	12/31/15	View
17	Taylor, Oakley	Boyd Acres	Complete	11/30/15	11/5/15	Taylor, Oakley	11/5/15	View

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Row	Assigned			Due Date	Start	Completed		
	To	Location	Progress			By	On	View
18	Walsworth, Justin	Boyd Acres	Complete	11/30/15	11/5/15	Walsworth, Justin	11/5/15	View
19	Hanson, Hardy	Pilot Butte Campus	Not Started	11/30/15				
20	Morrison, George	Pilot Butte Campus	Not Started	11/30/15				
21	Alexander, Mark	Pilot Butte Campus	Complete	11/30/15	12/9/15	Alexander, Mark	12/9/15	View
22	Findley, Mike	Boyd Acres	Complete	11/30/15	11/23/15	Findley, Mike	11/23/15	View
23	Kadow, Gina	Bend Municipal Airport	Complete	11/30/15	11/12/15	Kadow, Gina	11/12/15	View
24	Oak, David	Boyd Acres	Complete	11/30/15	11/13/15	Oak, David	11/13/15	View
25	Elpi-Trainor, Michelle	Water Reclamation Facility	Complete	11/30/15	11/8/15	Elpi-Trainor, Michelle	11/8/15	View
26	Rounds, Stuart	Boyd Acres	Complete	11/30/15	11/5/15	Rounds, Stuart	11/5/15	View
27	Abbas, David	Pilot Butte Campus	Not Started	11/30/15				
28	Parent, Ethan	Water Reclamation Facility	Complete	11/30/15	11/5/15	Parent, Ethan	11/5/15	View
29	Utley, Aaron	Water Reclamation Facility	Complete	11/30/15	11/5/15	Utley, Aaron	11/5/15	View
30	Armenta, David	Boyd Acres	Complete	11/30/15	11/5/15	Armenta, David	11/5/15	View
31	Gardner, Lucas	Pilot Butte Campus	Complete	11/30/15	11/13/15	Gardner, Lucas	11/13/15	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
32	Winter, Scott	Boyd Acres	Complete	11/30/15	11/5/15	Winter, Scott	11/5/15	View
33	Mastrud, Corey	Boyd Acres	Complete	11/30/15	11/6/15	Mastrud, Corey	11/6/15	View
34	Leath, David	Boyd Acres	Complete	11/30/15	4/28/16	Leath, David	4/28/16	View
35	Finney, Lance	Water Reclamation Facility	Complete	11/30/15	12/15/15	Finney, Lance	12/15/15	View
36	McAteer, Nick	Boyd Acres	Complete	12/7/15	12/31/15	McAteer, Nick	12/31/15	View
37	Bradley III, Roy	Water Reclamation Facility	Complete	3/21/16	3/30/16	Bradley III, Roy	3/30/16	View
38	Newton, Joe	Pilot Butte Campus	Complete	11/30/15	11/5/15	Newton, Joe	11/5/15	View
39	Clarno, Karen	Boyd Acres	Complete	11/30/15	11/5/15	Clarno, Karen	11/5/15	View
40	Vaughan, Ken	Boyd Acres	Complete	11/30/15	11/12/15	Vaughan, Ken	11/12/15	View
41	Woods, Rawlin	Boyd Acres	Complete	11/30/15	11/2/15	Woods, Rawlin	11/2/15	View
42	Edde, Wendy	Boyd Acres	Complete	11/30/15	11/5/15	Edde, Wendy	11/5/15	View
43	Somers, Robyn	Boyd Acres	Complete	11/30/15	11/9/15	Somers, Robyn	11/9/15	View
44	Brick, Paul	Boyd Acres	Complete	11/30/15	12/18/15	Brick, Paul	12/18/15	View
45	Canaday, Diane	Pilot Butte Campus	Complete	11/30/15	12/15/15	Canaday, Diane	12/15/15	View
46	Combs, Ken	Pilot Butte Campus	Complete	11/30/15	11/5/15	Combs, Ken	11/5/15	View
47	Wood, Chris	Boyd Acres	Complete	11/30/15	12/3/15	Wood, Chris	12/3/15	View
48	Edwards, Mike	Boyd Acres	Complete	11/30/15	11/12/15	Edwards, Mike	11/12/15	View

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Row	Assigned		Progress	Due Date	Start	Completed		View
	To	Location				By	On	
49	McQuillen, Christy	Pilot Butte Campus	Not Started	11/30/15				
50	Oliver, Josh	Pilot Butte Campus	Complete	11/30/15	12/7/15	Oliver, Josh	12/7/15	View
51	Newberg, Doug	Pilot Butte Campus	Complete	11/30/15	11/16/15	Newberg, Doug	11/16/15	View
52	Donato, Natalie	Boyd Acres	Complete	11/30/15	11/5/15	Donato, Natalie	11/5/15	View
53	Borgognoni, Sam	Water Reclamation Facility	Complete	11/30/15	11/3/15	Borgognoni, Sam	11/3/15	View
54	Judd, Gary	Bend Municipal Airport	Complete	11/30/15	1/14/16	Judd, Gary	1/14/16	View
55	Cota, Tony	Pilot Butte Campus	Complete	11/30/15	11/13/15	Cota, Tony	11/13/15	View
56	Petitmermet, Sean	Boyd Acres	Complete	11/30/15	11/23/15	Petitmermet, Sean	11/23/15	View
57	Moulder, Lon	Water Reclamation Facility	Complete	11/30/15	12/10/15	Moulder, Lon	12/10/15	View
58	Gillette, Mike	Boyd Acres	Complete	11/30/15	11/5/15	Gillette, Mike	11/5/15	View
59	Smith, William	Pilot Butte Campus	Complete	11/30/15	12/16/15	Smith, William	12/16/15	View
60	Thomasson, Shanon (John)	Pilot Butte Campus	Complete	11/30/15	11/5/15	Thomasson, Shanon (John)	11/5/15	View
61	Neiswonger, Paul	Pilot Butte Campus	Complete	11/30/15	12/22/15	Neiswonger, Paul	12/22/15	View
62	Babich, Tyler	Boyd Acres	Complete	11/30/15	12/1/15	Babich, Tyler	12/1/15	View

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Row	Assigned			Due Date	Start	Completed		View
	To	Location	Progress			By	On	
63	Rader, Barbara	Pilot Butte Campus	Complete	11/30/15	11/13/15	Rader, Barbara	11/13/15	View
64	Kuss, Richard	Boyd Acres	Complete	11/30/15	11/20/15	Kuss, Richard	11/20/15	View
65	Wright, Kim	Boyd Acres	Complete	11/30/15	11/12/15	Wright, Kim	11/12/15	View
66	Winter, Kyle	Boyd Acres	Complete	11/30/15	11/12/15	Winter, Kyle	11/12/15	View
67	Mingus, Rod	Boyd Acres	Complete	11/30/15	1/29/16	Mingus, Rod	1/29/16	View
68	Thompson, Scott	Water Reclamation Facility	Complete	11/30/15	1/25/16	Thompson, Scott	1/25/16	View
69	Hopkins, Robert	Boyd Acres	Complete	11/30/15	11/2/15	Hopkins, Robert	11/2/15	View
70	Goe, Kerry	Pilot Butte Campus	Complete	11/30/15	11/18/15	Goe, Kerry	11/18/15	View
71	Ristoff (AKA: Briggs), Teresa	Boyd Acres	Complete	11/30/15	11/13/15	Ristoff (AKA: Briggs), Teresa	11/13/15	View
72	Ristoff, Kelly	Boyd Acres	Complete	11/30/15	11/5/15	Ristoff, Kelly	11/5/15	View
73	Lancaster, Quirt	Pilot Butte Campus	Complete	11/30/15	12/15/15	Lancaster, Quirt	12/15/15	View
74	Hall, Harold "Jimmy"	Pilot Butte Campus	Complete	11/30/15	11/3/15	Hall, Harold "Jimmy"	11/3/15	View
75	Barnard, Justin	Pilot Butte Campus	Complete	3/28/16	5/18/16	Barnard, Justin	5/18/16	View
76	Dennis, Jay	Pilot Butte Campus	Complete	3/28/16	5/19/16	Dennis, Jay	5/19/16	View
77	Denning, Dan	Boyd Acres	Complete	8/8/16	9/8/16	Denning, Dan	9/8/16	View
78	Mickey, Marc	Water Reclamation Facility	Complete	11/30/15	11/23/15	Mickey, Marc	11/23/15	View

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Row	Assigned			Progress	Due Date	Start	Completed		View
	To	Location	By				On		
79	Follose, Brandon	Boyd Acres	Complete	11/30/15	11/5/15	Follose, Brandon	11/5/15	View	
80	Beck, Troy	Boyd Acres	Complete	11/30/15	11/30/15	Beck, Troy	11/30/15	View	
81	Alley, Mary Beth	Pilot Butte Campus	Complete	11/30/15	11/8/15	Alley, Mary Beth	11/8/15	View	
82	Skaggs, Dan	Boyd Acres	Complete	11/30/15	11/23/15	Skaggs, Dan	11/23/15	View	
83	Schmidt, Daniel	Pilot Butte Campus	Complete	11/30/15	11/13/15	Schmidt, Daniel	11/13/15	View	
84	Hall, Matt	Boyd Acres	Complete	11/30/15	12/7/15	Hall, Matt	12/7/15	View	
85	Ostendorff, Shannon	Boyd Acres	Complete	11/30/15	7/14/16	Ostendorff, Shannon	7/14/16	View	
86	Libolt, Orrin	Boyd Acres	Complete	11/30/15	11/5/15	Libolt, Orrin	11/5/15	View	
87	Fore, Erynne	Water Reclamation Facility	Complete	11/30/15	12/3/15	Fore, Erynne	12/3/15	View	
88	Hansen, Matthew	Water Reclamation Facility	Complete	11/30/15	1/2/16	Hansen, Matthew	1/2/16	View	
89	Judd, Arthur	Boyd Acres	Complete	11/30/15	11/13/15	Judd, Arthur	11/13/15	View	
90	Moody, Reese	Boyd Acres	Complete	11/30/15	12/24/15	Moody, Reese	12/24/15	View	
91	Rogers, William "Ed"	Water Reclamation Facility	Complete	11/30/15	12/10/15	Rogers, William "Ed"	12/10/15	View	
92	Riley, Steve	Boyd Acres	Complete	11/30/15	12/23/15	Riley, Steve	12/23/15	View	
93	McConnell, George	Water Reclamation Facility	Complete	11/30/15	11/19/15	McConnell, George	11/19/15	View	

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
94	Lindsey, James	Pilot Butte Campus	Complete	11/30/15	11/4/15	Lindsey, James	11/4/15	View
95	Combs, Ty	Pilot Butte Campus	Complete	11/30/15	1/7/16	Combs, Ty	1/7/16	View
96	Byrd, Steve	Boyd Acres	Complete	11/30/15	11/5/15	Byrd, Steve	11/5/15	View
97	Pierce, David	Pilot Butte Campus	Not Started	11/30/15				
98	Carlson, Tim	Water Reclamation Facility	Complete	11/30/15	11/19/15	Carlson, Tim	11/19/15	View
99	Barnes, Drexell	Water Reclamation Facility	Complete	11/30/15	12/17/15	Barnes, Drexell	12/17/15	View
100	Howe, Carl	Pilot Butte Campus	Not Started	11/30/15				
101	Lessar, Joshua	Pilot Butte Campus	Complete	11/30/15	11/2/15	Lessar, Joshua	11/2/15	View
102	Packebush (pka: Kristiansen), Mary	Boyd Acres	Complete	11/30/15	11/24/15	Packebush (pka: Kristiansen), Mary	12/11/15	View
103	Munson, AJ	Pilot Butte Campus	Complete	11/30/15	11/3/15	Munson, AJ	11/3/15	View
104	Richardson, Ty	Boyd Acres	Complete	11/30/15	1/28/16	Richardson, Ty	1/28/16	View
105	Davenport, Christina	Boyd Acres	Complete	11/30/15	2/4/16	Davenport, Christina	2/4/16	View
106	Jones, Shane	Pilot Butte Campus	Complete	11/30/15	2/11/16	Jones, Shane	2/11/16	View
107	Jackson, Dylan	Pilot Butte Campus	Complete	11/30/15	1/8/16	Jackson, Dylan	1/8/16	View

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Row	Assigned		Progress	Due Date	Start	Completed		View
	To	Location				By	On	
108	Packebush, Warren	Boyd Acres	Complete	11/30/15	11/5/15	Packebush, Warren	11/5/15	View
109	Vencill, Gary	Boyd Acres	Complete	11/30/15	11/9/15	Vencill, Gary	11/9/15	View
110	Trask, Kris	Boyd Acres	Complete	11/30/15	4/25/16	Trask, Kris	4/25/16	View
111	Gillespie, Rhett	Bend Municipal Airport	Complete	1/4/16	2/17/16	Gillespie, Rhett	2/17/16	View
112	LaCasse, Gary	Pilot Butte Campus	Complete	5/26/16	8/3/16	LaCasse, Gary	8/3/16	View
113	Prince, Jeannette	Pilot Butte Campus	Complete	11/30/15	11/6/15	Prince, Jeannette	11/6/15	View
114	Meistrell, Brenda	Pilot Butte Campus	Complete	11/30/15	11/12/15	Meistrell, Brenda	11/12/15	View
115	Walling, Tom	Water Reclamation Facility	Complete	11/30/15	12/21/15	Walling, Tom	12/21/15	View
116	Patterson, Tyler	Boyd Acres	Complete	11/30/15	11/25/15	Patterson, Tyler	11/25/15	View
117	Daniel, Jay	Pilot Butte Campus	Complete	11/30/15	11/23/15	Daniel, Jay	11/23/15	View
118	Blake, Christopher	Pilot Butte Campus	Complete	11/30/15	5/4/16	Blake, Christopher	5/4/16	View
119	Buhmann, Donald	Boyd Acres	Complete	11/30/15	12/21/15	Buhmann, Donald	12/21/15	View
120	Sanvitale, Spencer	Boyd Acres	Complete	11/30/15	11/5/15	Sanvitale, Spencer	11/5/15	View
121	Hobbs, Eric	Boyd Acres	Complete	11/30/15	11/12/15	Hobbs, Eric	11/12/15	View
122	Byrd, Daniel	Pilot Butte Campus	Complete	11/30/15	11/6/15	Byrd, Daniel	11/6/15	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
123	Buystedt, Jeff	Water Reclamation Facility	Complete	11/30/15	2/4/16	Buystedt, Jeff	2/4/16	View
124	Larson, Ron	Boyd Acres	Complete	11/30/15	11/13/15	Larson, Ron	11/13/15	View
125	Armer, Mike	Pilot Butte Campus	Complete	11/30/15	11/3/15	Armer, Mike	11/3/15	View
126	Stensland, David	Boyd Acres	Complete	11/30/15	11/10/15	Stensland, David	11/10/15	View
127	Milligan, Will	Boyd Acres	Complete	11/30/15	12/3/15	Milligan, Will	12/3/15	View
128	Buchanan, David	Boyd Acres	Complete	11/30/15	11/5/15	Buchanan, David	11/5/15	View
129	Klotz, Ian	Boyd Acres	Complete	11/30/15	11/9/15	Klotz, Ian	11/9/15	View
130	Richmond, Paul "Stu"	Boyd Acres	Complete	11/30/15	11/5/15	Richmond, Paul "Stu"	11/5/15	View
131	McCloskey, Marcus	Boyd Acres	Complete	11/30/15	2/12/16	McCloskey, Marcus	2/12/16	View
132	Blackwelder, Brice	Boyd Acres	Complete	11/30/15	12/14/15	Blackwelder, Brice	12/14/15	View
133	Mosher, Chris	Boyd Acres	Complete	11/30/15	12/3/15	Mosher, Chris	12/3/15	View
134	Stenkamp, Skippy	Pilot Butte Campus	Complete	11/30/15	11/6/15	Stenkamp, Skippy	11/6/15	View
135	Roshone, Elmer	Water Reclamation Facility	Complete	11/30/15	11/8/15	Roshone, Elmer	11/8/15	View
136	Borrego, David	Boyd Acres	Complete	11/30/15	11/5/15	Borrego, David	11/5/15	View
137	Scarborough, Saedell	Pilot Butte Campus	Complete	11/30/15	11/5/15	Scarborough, Saedell	11/5/15	View

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Row	Assigned		Progress	Due Date	Start	Completed		View
	To	Location				By	On	
138	Dorsey, Christine	Pilot Butte Campus	Complete	11/30/15	11/5/15	Dorsey, Christine	11/5/15	View
139	Vieira, Steven	Boyd Acres	Complete	11/30/15	11/9/15	Vieira, Steven	11/9/15	View
140	Gardner, Greg "Scott"	Boyd Acres	Complete	11/30/15	11/20/15	Gardner, Greg "Scott"	11/20/15	View
141	Truax, Tim	Water Reclamation Facility	Complete	11/30/15	1/22/16	Truax, Tim	1/22/16	View
142	Baker, Galen	Pilot Butte Campus	Not Started	11/30/15				
143	Chamberlain, Eric	Boyd Acres	Complete	5/10/16	5/23/16	Chamberlain, Eric	5/23/16	View
144	Bean, Everett	Pilot Butte Campus	Not Started	4/12/16				

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
1	Lansdowne, Heidi	Wall St Annex	Complete	3/31/16	4/1/16	Lansdowne, Heidi	4/4/16	View
2	Stenkamp, Skippy	Pilot Butte Campus	Complete	3/31/16	2/29/16	Stenkamp, Skippy	2/29/16	View
3	Packebush, Warren	Boyd Acres	Complete	3/31/16	3/3/16	Packebush, Warren	3/3/16	View
4	Hartman, Cindy	Wall St Annex	Complete	3/31/16	3/10/16	Hartman, Cindy	3/10/16	View
5	Gillette, Mike	Boyd Acres	Complete	3/31/16	3/3/16	Gillette, Mike	3/3/16	View
6	Lindsey, James	Pilot Butte Campus	Complete	3/31/16	3/10/16	Lindsey, James	3/10/16	View
7	Mickey, Marc	Water Reclamation Facility	Complete	3/31/16	3/3/16	Mickey, Marc	3/3/16	View
8	Ristoff, Kelly	Boyd Acres	Complete	3/31/16	3/17/16	Ristoff, Kelly	3/17/16	View
9	Cannon, Dennis	Pilot Butte Campus	Not Started	3/31/16				
10	Sanvitale, Spencer	Boyd Acres	Complete	3/31/16	2/29/16	Sanvitale, Spencer	2/29/16	View
11	Edde, Wendy	Boyd Acres	Complete	3/31/16	2/29/16	Edde, Wendy	2/29/16	View
12	Lee, Dave	Boyd Acres	Complete	3/31/16	3/11/16	Lee, Dave	3/11/16	View
13	Woods, Rawlin	Boyd Acres	Complete	3/31/16	3/4/16	Woods, Rawlin	3/4/16	View
14	Moody, Reese	Boyd Acres	Complete	3/31/16	9/22/16	Moody, Reese	9/22/16	View
15	Rader, Barbara	Pilot Butte Campus	Complete	3/31/16	3/3/16	Rader, Barbara	3/3/16	View
16	Qual, Craig	Pilot Butte Campus	Complete	3/31/16	3/7/16	Qual, Craig	3/7/16	View
17	Prazak, Steve	Boyd Acres	Complete	3/31/16	6/23/16	Prazak, Steve	6/23/16	View

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Row	Assigned		Progress	Due Date	Start	Completed		
	To	Location				By	On	View
18	Dorsey, Christine	Pilot Butte Campus	Complete	3/31/16	2/29/16	Dorsey, Christine	2/29/16	View
19	Volkman, Richard	Pilot Butte Campus	Complete	3/31/16	5/5/16	Volkman, Richard	5/5/16	View
20	Walsworth, Justin	Boyd Acres	Complete	3/31/16	3/24/16	Walsworth, Justin	3/24/16	View
21	Roshone, Elmer	Water Reclamation Facility	Complete	3/31/16	2/29/16	Roshone, Elmer	2/29/16	View
22	Hanson, Hardy	Pilot Butte Campus	Not Started	3/31/16				
23	Buhmann, Donald	Boyd Acres	Complete	3/31/16	3/22/16	Buhmann, Donald	3/22/16	View
24	Kuss, Richard	Boyd Acres	Complete	3/31/16	3/11/16	Kuss, Richard	3/11/16	View
25	Patterson, Tyler	Boyd Acres	Complete	3/31/16	2/29/16	Patterson, Tyler	2/29/16	View
26	Abbas, David	Pilot Butte Campus	Not Started	3/31/16				
27	Parent, Ethan	Water Reclamation Facility	Complete	3/31/16	4/7/16	Parent, Ethan	4/7/16	View
28	Ostendorff, Shannon	Boyd Acres	Complete	3/31/16	7/14/16	Ostendorff, Shannon	7/14/16	View
29	Forster, Eric	Wall St Annex	Complete	3/31/16	4/21/16	Forster, Eric	4/21/16	View
30	Oliver, Josh	Pilot Butte Campus	Complete	3/31/16	3/3/16	Oliver, Josh	3/3/16	View
31	Moulder, Lon	Water Reclamation Facility	Complete	3/31/16	3/3/16	Moulder, Lon	3/3/16	View

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Row	Assigned			Due Date	Start	Completed		View
	To	Location	Progress			By	On	
32	Utley, Aaron	Water Reclamation Facility	Complete	3/31/16	2/29/16	Utley, Aaron	2/29/16	View
33	Winter, Kyle	Boyd Acres	Complete	3/31/16	2/29/16	Winter, Kyle	2/29/16	View
34	Armenta, David	Boyd Acres	Complete	3/31/16	2/29/16	Armenta, David	2/29/16	View
35	Armer, Mike	Pilot Butte Campus	Complete	3/31/16	2/29/16	Armer, Mike	2/29/16	View
36	Beck, Troy	Boyd Acres	Complete	3/31/16	9/30/16	Beck, Troy	9/30/16	View
37	Stensland, David	Boyd Acres	Complete	3/31/16	4/14/16	Stensland, David	4/14/16	View
38	Robertson, Joshua	Wall St Annex	Not Started	3/31/16				
39	Truax, Tim	Water Reclamation Facility	Not Started	3/31/16				
40	Bean, Everett	Pilot Butte Campus	Not Started	4/12/16				
41	Newton, Joe	Pilot Butte Campus	Complete	3/31/16	3/1/16	Newton, Joe	3/1/16	View
42	Vaughan, Ken	Boyd Acres	Complete	3/31/16	2/29/16	Vaughan, Ken	2/29/16	View
43	Meistrell, Brenda	Pilot Butte Campus	Complete	3/31/16	2/29/16	Meistrell, Brenda	2/29/16	View
44	Follose, Brandon	Boyd Acres	Complete	3/31/16	2/29/16	Follose, Brandon	2/29/16	View
45	Towell, Chad	Pilot Butte Campus	Complete	3/31/16	3/4/16	Towell, Chad	3/4/16	View
46	Alexander, Mark	Pilot Butte Campus	Complete	3/31/16	3/3/16	Alexander, Mark	3/3/16	View

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Row	Assigned			Due Date	Start	Completed		View
	To	Location	Progress			By	On	
47	Spencer, Peggy	Wall St Annex	Complete	3/31/16	3/3/16	Spencer, Peggy	3/3/16	View
48	Skaggs, Dan	Boyd Acres	Complete	3/31/16	3/14/16	Skaggs, Dan	3/14/16	View
49	Blake, Christopher	Pilot Butte Campus	Complete	3/31/16	5/4/16	Blake, Christopher	5/4/16	View
50	Schmidt, Daniel	Pilot Butte Campus	Complete	3/31/16	2/29/16	Schmidt, Daniel	2/29/16	View
51	Combs, Ken	Pilot Butte Campus	Complete	3/31/16	2/29/16	Combs, Ken	2/29/16	View
52	Findley, Mike	Boyd Acres	Complete	3/31/16	3/11/16	Findley, Mike	3/15/16	View
53	Burghardt, Joe	Water Reclamation Facility	Complete	3/31/16	2/29/16	Burghardt, Joe	2/29/16	View
54	Cashwell, Spencer	Boyd Acres	Complete	3/31/16	2/29/16	Cashwell, Spencer	2/29/16	View
55	Konop, Patrick	Wall St Annex	Complete	3/31/16	3/3/16	Konop, Patrick	3/3/16	View
56	Buystedt, Jeff	Water Reclamation Facility	Complete	3/31/16	3/10/16	Buystedt, Jeff	3/10/16	View
57	Baker, Galen	Pilot Butte Campus	Not Started	3/31/16				
58	Hickmann, Tom	Wall St Annex	Not Started	3/31/16				
59	Rounds, Stuart	Boyd Acres	Complete	3/31/16	2/29/16	Rounds, Stuart	2/29/16	View
60	Winter, Scott	Boyd Acres	Complete	3/31/16	2/29/16	Winter, Scott	2/29/16	View
61	Combs, Ty	Pilot Butte Campus	Complete	3/31/16	3/10/16	Combs, Ty	3/10/16	View
62	Byrd, Steve	Boyd Acres	Complete	3/31/16	2/29/16	Byrd, Steve	2/29/16	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
63	McCloskey, Marcus	Boyd Acres	Complete	3/31/16	3/3/16	McCloskey, Marcus	3/3/16	View
64	Malinowski, Adam	Pilot Butte Campus	Complete	3/31/16	3/31/16	Malinowski, Adam	3/31/16	View
65	Elpi-Trainor, Michelle	Water Reclamation Facility	Complete	3/31/16	2/29/16	Elpi-Trainor, Michelle	2/29/16	View
66	Wolter, Mark	Boyd Acres	Complete	3/31/16	3/1/16	Wolter, Mark	3/1/16	View
67	Trask, Kris	Boyd Acres	Complete	3/31/16	4/25/16	Trask, Kris	4/25/16	View
68	Hamilton, Grant	Boyd Acres	Complete	3/31/16	2/29/16	Hamilton, Grant	2/29/16	View
69	Oster, Ryan	Wall St Annex	Complete	3/31/16	3/3/16	Oster, Ryan	3/3/16	View
70	Packebush (pka: Kristiansen), Mary	Boyd Acres	Complete	3/31/16	4/6/16	Packebush (pka: Kristiansen), Mary	4/6/16	View
71	Oak, David	Boyd Acres	Complete	3/31/16	3/2/16	Oak, David	3/2/16	View
72	Munson, AJ	Pilot Butte Campus	Complete	3/31/16	3/1/16	Munson, AJ	3/1/16	View
73	Borrego, David	Boyd Acres	Complete	3/31/16	3/7/16	Borrego, David	3/7/16	View
74	Richardson, Ty	Boyd Acres	Complete	3/31/16	6/14/16	Richardson, Ty	6/14/16	View
75	Hopkins, Robert	Boyd Acres	Complete	3/31/16	2/29/16	Hopkins, Robert	2/29/16	View
76	Jones, Shane	Pilot Butte Campus	Not Started	3/31/16				
77	Goe, Kerry	Pilot Butte Campus	Complete	3/31/16	3/1/16	Goe, Kerry	3/1/16	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
78	Ristoff (AKA: Briggs), Teresa	Boyd Acres	Complete	3/31/16	2/29/16	Ristoff (AKA: Briggs), Teresa	2/29/16	View
79	Murray, Oliver	Wall St Annex	Complete	3/31/16	3/11/16	Murray, Oliver	3/11/16	View
80	Jackson, Dylan	Pilot Butte Campus	Complete	3/31/16	4/27/16	Jackson, Dylan	4/27/16	View
81	Gardner, Greg "Scott"	Boyd Acres	Complete	3/31/16	8/19/16	Gardner, Greg "Scott"	8/19/16	View
82	England, Jeff	Wall St Annex	Not Started	3/31/16				
83	Leath, David	Boyd Acres	Complete	3/31/16	4/28/16	Leath, David	4/28/16	View
84	Schwartz, James	Pilot Butte Campus	Complete	3/31/16	7/7/16	Schwartz, James	7/7/16	View
85	Alley, Mary Beth	Pilot Butte Campus	Complete	3/31/16	3/5/16	Alley, Mary Beth	3/5/16	View
86	Brick, Paul	Boyd Acres	Complete	3/31/16	8/18/16	Brick, Paul	8/18/16	View
87	Canaday, Diane	Pilot Butte Campus	Complete	3/31/16	3/3/16	Canaday, Diane	3/3/16	View
88	Gardner, Lucas	Pilot Butte Campus	Complete	3/31/16	3/15/16	Gardner, Lucas	3/15/16	View
89	Sabourin, Garrett	Wall St Annex	Not Started	3/31/16				
90	Edwards, Mike	Boyd Acres	Complete	3/31/16	3/10/16	Edwards, Mike	3/10/16	View
91	Waldrop, Will	Pilot Butte Campus	Complete	3/31/16	3/3/16	Waldrop, Will	3/3/16	View
92	Libolt, Orrin	Boyd Acres	Complete	3/31/16	3/3/16	Libolt, Orrin	3/3/16	View
93	Hobbs, Eric	Boyd Acres	Complete	3/31/16	3/3/16	Hobbs, Eric	3/3/16	View
94	Franklet, George	Wall St Annex	Not Started	3/31/16				

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Compliance Detail

City of Bend

Filtered by: Training: Utility / Road Repair and Maintenance

Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
95	Byrd, Daniel	Pilot Butte Campus	Complete	3/31/16	3/9/16	Byrd, Daniel	3/9/16	View
96	Borgognoni, Sam	Water Reclamation Facility	Complete	3/31/16	5/3/16	Borgognoni, Sam	5/3/16	View
97	Judd, Gary	Bend Municipal Airport	Complete	3/31/16	5/3/16	Judd, Gary	5/3/16	View
98	Judd, Arthur	Boyd Acres	Complete	3/31/16	3/17/16	Judd, Arthur	3/17/16	View
99	Rogers, William "Ed"	Water Reclamation Facility	Complete	3/31/16	6/9/16	Rogers, William "Ed"	6/9/16	View
100	Cota, Tony	Pilot Butte Campus	Complete	3/31/16	2/29/16	Cota, Tony	2/29/16	View
101	Riley, Steve	Boyd Acres	Complete	3/31/16	4/14/16	Riley, Steve	4/14/16	View
102	Milligan, Will	Boyd Acres	Complete	3/31/16	3/28/16	Milligan, Will	3/28/16	View
103	McConnell, George	Water Reclamation Facility	Complete	3/31/16	2/29/16	McConnell, George	2/29/16	View
104	Smith, William	Pilot Butte Campus	Complete	3/31/16	5/5/16	Smith, William	5/5/16	View
105	Somers, Travis	Boyd Acres	Not Started	3/31/16				
106	Thomasson, Shanon (John)	Pilot Butte Campus	Not Started	3/31/16				
107	Pierce, David	Pilot Butte Campus	Not Started	3/31/16				
108	Neiswonger, Paul	Pilot Butte Campus	Complete	3/31/16	3/3/16	Neiswonger, Paul	3/3/16	View

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Compliance Detail

City of Bend

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Row	Assigned			Progress	Due Date	Start	Completed		
	To	Location					By	On	View
109	Babich, Tyler	Boyd Acres		Complete	3/31/16	3/7/16	Babich, Tyler	3/7/16	View
110	Carlson, Tim	Water Reclamation Facility		Complete	3/31/16	2/29/16	Carlson, Tim	2/29/16	View
111	Wright, Kim	Boyd Acres		Complete	3/31/16	2/29/16	Wright, Kim	2/29/16	View
112	Graham, Kelly	Boyd Acres		Complete	3/31/16	3/8/16	Graham, Kelly	3/8/16	View
113	Sweet, Connie	Boyd Acres		Complete	3/31/16	3/3/16	Sweet, Connie	3/3/16	View
114	Scarborough, Saedell	Pilot Butte Campus		Complete	3/31/16	9/8/16	Scarborough, Saedell	9/8/16	View
115	Mastrud, Corey	Boyd Acres		Complete	3/31/16	3/17/16	Mastrud, Corey	3/17/16	View
116	Gillespie, Rhett	Bend Municipal Airport		Complete	3/31/16	3/8/16	Gillespie, Rhett	3/8/16	View
117	Vencill, Gary	Boyd Acres		Complete	3/31/16	3/3/16	Vencill, Gary	3/3/16	View
118	Barnard, Justin	Pilot Butte Campus		Complete	3/31/16	5/18/16	Barnard, Justin	5/18/16	View
119	Chamberlain, Eric	Boyd Acres		Complete	5/10/16	5/23/16	Chamberlain, Eric	5/23/16	View
120	LaCasse, Gary	Pilot Butte Campus		Complete	5/26/16	8/3/16	LaCasse, Gary	8/3/16	View
121	Prince, Jeannette	Pilot Butte Campus		Complete	3/31/16	3/3/16	Prince, Jeannette	3/3/16	View
122	Clarno, Karen	Boyd Acres		Complete	3/31/16	2/29/16	Clarno, Karen	2/29/16	View
123	Walling, Tom	Water Reclamation Facility		Complete	3/31/16	6/30/16	Walling, Tom	6/30/16	View
124	Somers, Robyn	Boyd Acres		Complete	3/31/16	3/3/16	Somers, Robyn	3/3/16	View

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
125	Daniel, Jay	Pilot Butte Campus	Complete	3/31/16	3/11/16	Daniel, Jay	3/11/16	View
126	Dalrymple, Bret	Pilot Butte Campus	Complete	3/31/16	3/3/16	Dalrymple, Bret	3/3/16	View
127	Struck, Christopher	Pilot Butte Campus	Complete	3/31/16	3/4/16	Struck, Christopher	3/4/16	View
128	Wood, Chris	Boyd Acres	Complete	3/31/16	2/29/16	Wood, Chris	2/29/16	View
129	Finney, Lance	Water Reclamation Facility	Complete	3/31/16	3/21/16	Finney, Lance	3/21/16	View
130	Hall, Matt	Boyd Acres	Complete	3/31/16	3/4/16	Hall, Matt	3/4/16	View
131	McQuillen, Christy	Pilot Butte Campus	Not Started	3/31/16				
132	Fore, Erynne	Water Reclamation Facility	Complete	3/31/16	2/29/16	Fore, Erynne	2/29/16	View
133	Newberg, Doug	Pilot Butte Campus	Complete	3/31/16	2/29/16	Newberg, Doug	2/29/16	View
134	Donato, Natalie	Boyd Acres	Complete	3/31/16	2/29/16	Donato, Natalie	2/29/16	View
135	Hansen, Matthew	Water Reclamation Facility	Complete	3/31/16	7/31/16	Hansen, Matthew	7/31/16	View
136	Kadow, Gina	Bend Municipal Airport	Complete	3/31/16	3/8/16	Kadow, Gina	3/8/16	View
137	Larson, Ron	Boyd Acres	Complete	3/31/16	2/29/16	Larson, Ron	2/29/16	View
138	Petitmermet, Sean	Boyd Acres	Complete	3/31/16	3/7/16	Petitmermet, Sean	3/7/16	View

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Compliance Detail
City of Bend

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Row	Assigned				Completed			
	To	Location	Progress	Due Date	Start	By	On	View
139	Taylor, Oakley	Boyd Acres	Complete	3/31/16	3/8/16	Taylor, Oakley	3/8/16	View
140	Buchanan, David	Boyd Acres	Complete	3/31/16	2/29/16	Buchanan, David	2/29/16	View
141	Klotz, Ian	Boyd Acres	Complete	3/31/16	7/21/16	Klotz, Ian	7/21/16	View
142	Richmond, Paul "Stu"	Boyd Acres	Complete	3/31/16	2/29/16	Richmond, Paul "Stu"	2/29/16	View
143	Blackwelder, Brice	Boyd Acres	Complete	3/31/16	6/17/16	Blackwelder, Brice	6/17/16	View
144	Mosher, Chris	Boyd Acres	Complete	3/31/16	3/22/16	Mosher, Chris	3/22/16	View
145	Barnes, Drexell	Water Reclamation Facility	Complete	3/31/16	4/26/16	Barnes, Drexell	8/18/16	View
146	Howe, Carl	Pilot Butte Campus	Not Started	3/31/16				
147	Lessar, Joshua	Pilot Butte Campus	Complete	3/31/16	3/2/16	Lessar, Joshua	3/2/16	View
148	Mingus, Rod	Boyd Acres	Complete	3/31/16	3/31/16	Mingus, Rod	3/31/16	View
149	McAteer, Nick	Boyd Acres	Complete	3/31/16	6/23/16	McAteer, Nick	6/23/16	View
150	Thompson, Scott	Water Reclamation Facility	Complete	3/31/16	8/31/16	Thompson, Scott	8/31/16	View
151	Price, Julie	Boyd Acres	Complete	3/31/16	5/2/16	Price, Julie	5/2/16	View
152	Davenport, Christina	Boyd Acres	Complete	3/31/16	4/1/16	Davenport, Christina	4/1/16	View
153	Suhr, Jason	Wall St Annex	Complete	3/31/16	3/31/16	Suhr, Jason	3/31/16	View
154	Webster, Jessica	Wall St Annex	Complete	3/31/16	3/22/16	Webster, Jessica	3/22/16	View

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Compliance Detail

City of Bend

Filtered by: Training: Utility / Road Repair and Maintenance

Row	Assigned		Progress	Due Date	Start	Completed		
	To	Location				By	On	View
155	Vieira, Steven	Boyd Acres	Complete	3/31/16	4/1/16	Vieira, Steven	4/1/16	View
156	Lancaster, QUILT	Pilot Butte Campus	Complete	3/31/16	4/14/16	Lancaster, QUILT	4/14/16	View
157	Hall, Harold "Jimmy"	Pilot Butte Campus	Complete	3/31/16	3/4/16	Hall, Harold "Jimmy"	3/4/16	View
158	Morrison, George	Pilot Butte Campus	Not Started	3/31/16				
159	Bradley III, Roy	Water Reclamation Facility	Complete	3/31/16	3/30/16	Bradley III, Roy	3/30/16	View
160	Dennis, Jay	Pilot Butte Campus	Complete	3/31/16	5/19/16	Dennis, Jay	5/19/16	View
161	Denning, Dan	Boyd Acres	Complete	8/8/16	9/8/16	Denning, Dan	9/8/16	View

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Compliance Detail

City of Bend

Filtered by: Training: Winter Road Care

Row	Assigned			Completed				
	To	Location	Progress	Due Date	Start	By	On	View
1	Cannon, Dennis	Pilot Butte Campus	Complete	10/31/15	11/13/15	Cannon, Dennis	11/13/15	View
2	Waldrop, Will	Pilot Butte Campus	Complete	10/31/15	11/12/15	Waldrop, Will	11/12/15	View
3	Qual, Craig	Pilot Butte Campus	Complete	10/31/15	10/12/15	Qual, Craig	10/12/15	View
4	Prince, Jeannette	Pilot Butte Campus	Complete	10/31/15	10/13/15	Prince, Jeannette	10/13/15	View
5	Blake, Christopher	Pilot Butte Campus	Complete	10/31/15	10/12/15	Blake, Christopher	10/12/15	View
6	Byrd, Daniel	Pilot Butte Campus	Complete	10/31/15	10/22/15	Byrd, Daniel	10/22/15	View
7	Cota, Tony	Pilot Butte Campus	Complete	10/31/15	10/28/15	Cota, Tony	10/28/15	View
8	Oliver, Josh	Pilot Butte Campus	Complete	10/31/15	10/28/15	Oliver, Josh	10/28/15	View
9	Goe, Kerry	Pilot Butte Campus	Complete	10/31/15	11/18/15	Goe, Kerry	11/18/15	View
10	Volkman, Richard	Pilot Butte Campus	Complete	10/31/15	10/1/15	Volkman, Richard	10/1/15	View
11	Smith, William	Pilot Butte Campus	Complete	10/31/15	12/16/15	Smith, William	12/16/15	View
12	Armer, Mike	Pilot Butte Campus	Complete	10/31/15	10/6/15	Armer, Mike	10/6/15	View
13	Malinowski, Adam	Pilot Butte Campus	Complete	10/31/15	10/1/15	Malinowski, Adam	10/1/15	View
14	Munson, AJ	Pilot Butte Campus	Complete	10/31/15	9/30/15	Munson, AJ	9/30/15	View
15	Scarbrough, Saedell	Pilot Butte Campus	Complete	10/31/15	10/9/15	Scarbrough, Saedell	11/5/15	View

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Compliance Detail

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Row	Assigned			Due Date	Start	Completed		
	To	Location	Progress			By	On	View
16	Daniel, Jay	Pilot Butte Campus	Complete	10/31/15	11/23/15	Daniel, Jay	11/23/15	View
17	Hall, Harold "Jimmy"	Pilot Butte Campus	Complete	10/31/15	10/9/15	Hall, Harold "Jimmy"	10/9/15	View
18	Stenkamp, Skippy	Pilot Butte Campus	Complete	10/31/15	10/1/15	Stenkamp, Skippy	10/1/15	View
19	Combs, Ken	Pilot Butte Campus	Complete	10/31/15	10/14/15	Combs, Ken	10/14/15	View
20	Jackson, Dylan	Pilot Butte Campus	Complete	10/31/15	1/8/16	Jackson, Dylan	1/8/16	View
21	Newton, Joe	Pilot Butte Campus	Complete	10/31/15	10/22/15	Newton, Joe	10/22/15	View
22	Gardner, Lucas	Pilot Butte Campus	Complete	10/31/15	10/15/15	Gardner, Lucas	10/15/15	View
23	Schmidt, Daniel	Pilot Butte Campus	Complete	10/31/15	11/13/15	Schmidt, Daniel	11/13/15	View
24	Jones, Shane	Pilot Butte Campus	Complete	10/31/15	10/28/15	Jones, Shane	10/28/15	View
25	Thomasson, Shanon (John)	Pilot Butte Campus	Complete	10/31/15	11/5/15	Thomasson, Shanon (John)	11/5/15	View
26	Rader, Barbara	Pilot Butte Campus	Complete	10/31/15	10/9/15	Rader, Barbara	10/9/15	View
27	Lindsey, James	Pilot Butte Campus	Complete	10/31/15	10/9/15	Lindsey, James	10/9/15	View
28	Combs, Ty	Pilot Butte Campus	Complete	10/31/15	10/15/15	Combs, Ty	10/15/15	View
29	Lessar, Joshua	Pilot Butte Campus	Complete	10/31/15	10/1/15	Lessar, Joshua	10/1/15	View
30	Neiswonger, Paul	Pilot Butte Campus	Complete	10/31/15	10/15/15	Neiswonger, Paul	10/15/15	View

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Note: Feedback text will show up for both correct and incorrect responses.

Winter Road Care

Question 1:

What are some of the known negative effects high concentrations of chloride can have on the environment?

- Depletes the oxygen supply needed by aquatic animals and plants in the river.
- Leaches into the ground and changes soil composition.
- Contaminates groundwater and surface waters.
- Deteriorates paved surfaces, buildings and infrastructure.
- All of the above.

Answer: All of the above.

Feedback: Chloride has several known negative effects on the environment. Whereas some is helpful for winter road care, excessive amounts can be detrimental. Mag chloride is more environmentally friendly than other types of deicer such as sodium chloride. The City has been using deicer less than 20 years and chloride amounts have remained in acceptable ranges in well water samples to date.

Question 2:

You should try to limit and/or avoid using liquid deicer in areas that drain to the Deschutes River and within Drinking Water Protection Areas (DWPAs)?

- True
- False

Answer: True

Feedback: Know what areas drain to the river or towards drinking water wells. Limit and/or avoid using liquid deicer in areas that drain to the Deschutes River and within Drinking Water Protection Areas. Use alternative materials such as basalt cinder application as much as possible, especially in the sensitive areas to meet stormwater permit regulations.

Question 3:

What is the proper way to dispose of excess Mag-Chloride?

- Dump it into the sanitary sewer.
- Dump it into the nearest catch basins.
- Collect and reuse as product.
- Slowly let it soak into the ground.

Answer: Collect and reuse it as product.

Feedback: Collect and reuse excess mag-chloride as product, never dump mag chloride into the storm drain system.

Question 4:

We are required to track the amount of product (chemical deicer & basalt cinders) used per month?

- True
- False

Answer: True

Feedback: We are required to track the monthly usage of chemical deicer & basalt cinders for reporting to DEQ per our storm water permit regulations.

Question 5:

What factors should be considered when determining the amount of chemical deicer to apply?

- Road Width
- Traffic Concentrations
- Proximity to surface water/ sensitive areas
- All of the above.

Answer: All of the above

Feedback: Applying the correct amount of chemical deicer for the conditions will help prevent overuse while being protective from a traffic safety perspective.

Vehicle and Equipment Washing

Question 1:

You should always clean vehicles & equipment in a designated wash area?

- True.
- False.

Answer: True

Feedback: Clean vehicles & equipment in a designated wash areas, such as on area that drain to landscape, oil water separator or us a recycle car wash. If you need assistance locating the nearest approved wash area contact your Supervisor or Stormwater Program Staff.

Question 2:

Runoff from washing oversized vehicles and equipment should be directed into _____?

- The nearest storm drain / catch basin.
- An oil water separator, connected to the sanitary sewer.
- All of the above.

Answer: An oil water separator, connected to the sanitary sewer.

Feedback: Runoff from oversized vehicles and equipment washing should be directed into an oil water separator connected to the sanitary sewer.

Question 3:

It's recommended that you wash light-duty and smaller vehicles _____?

- At a commercial car wash facility that recycles its water.
- Near an open storm drain.
- With soap containing phosphate.
- None of the above.

Answer: At a commercial car wash facility that recycles its water.

Feedback: Wash light-duty and smaller vehicles at a commercial car wash facility that recycles its water.

Question 4:

Vehicle and equipment washing rise water could potentially contain what chemicals?

- Dirt & Sediment
- Coper from break pad dust
- Lead form batteries and tire weights
- Vehicle fluids such as antifreeze, oils, fuels and greases
- All of the above

Answer: All of the above

Feedback: Vehicles rinse water contain copper in the break dust, lead from batteries and tire weights, oils and antifreeze, dirt and sediment.

Leaky Equipment and Fueling

Question 1:

You should always top off your fuel tank?

- True.
- False.

Answer: False

Feedback: You should **never** top off your fuel tank.

Question 2:

How often should you check your equipment for leaks?

- Weekly, such as every Monday.
- Daily, at the start of each shift.
- Monthly.
- Annually.

Answer: Daily, at the start of each shift.

Feedback: Check equipment daily for leaks.

Question 3:

What should you do if your vehicle or equipment is actively leaking?

- Place a drip pan under the leak.
- Clean up the leaked material using dry cleanup methods.
- Have the leak repaired.
- All of the above.

Answer: All of the above.

Feedback: Place a drip pan under leaking vehicle and/or equipment, use dry cleanup methods and get the leak repaired promptly.

Question 4:

When equipment is fueled offsite using a mobile fuel truck or portable fuel containers you should always?

- Have a spill kit available.
- Fuel the equipment near a storm drain.
- Fuel the equipment near an open waterbody.
- Top off the fuel tank.

Answer: Have a spill kit available.

Feedback: Always have a spill kit available when fueling equipment offsite and choose an area away from storm drain facilities, sanitary sewer systems and water bodies. If you need a spill kit contact your supervisor or Stormwater Program Staff.

Spill Prevention, Control and Cleanup

Question 1:

All storage containers, bins, drums and tanks should be _____?

- Clearly labeled with the products name and hazards.
- Stored in an area to prevent unauthorized entry.
- Inspected regularly for leaks.
- All of the above.

Answer: All of the above.

Feedback: Storage containers should be clearly labeled with product name and hazards. Storage containers should also be inspected for leaks regularly and stored in a secured area.

Question 2:

If a spill occurs that releases more than 42 gallons of oil or fuel you should?

- Report the spill to your supervisor & the Oregon Emergency Response System.
- Follow all applicable safety precautions and wear proper Personal Protection Equipment (PPE).
- If you feel it's safe, contain spilled material using onsite spill kits, drip pans, sand bags or dirt berms.
- If you feel it's safe, clean up the spilled material using dry cleanup methods.
- All of the above.

Answer: All of the above.

Feedback: Spills that releases more than 42 gallons of oil or fuel need to be reported to your Supervisor, Safety Manager and the Oregon Emergency Response System. If you feel it's safe, contain and cleanup the spilled material using an onsite spill kit.

Utility / Road Repair & Maintenance

Question 1:

When performing excavation and road maintenance activities you should?

- Prevent sediment laden stormwater runoff during construction activities.
- Minimize disturbed soil exposure time.
- Stockpile soil, base rock, and other construction materials away from the street and storm drain.
- Schedule excavation and road maintenance activities for dry weather, if feasible.
- All of the above.

Answer: All of the above.

Feedback: When performing excavation and road maintenance follow all required practices to prevent sediment laden stormwater runoff during construction. Sediment can clog storm drain facilities and the Deschutes River is listed for sediment and turbidity as a pollutant of concern in Bend.

Question 2:

Clean up saw-cut slurry at the end of each _____?

- Day
- Week
- Month
- Year

Answer: Day

Feedback: Clean up saw-cut slurry with a shovel or vacuum at the end of each day.

Question 3:

Concrete trucks, pumps and finishing tools should always be cleaned into a _____?

- Storm drain /catch basin
- Landscaped area and then buried in mulch.
- Vacant lot and left for someone else to haul off.
- Designated washout area or disposable container that is removed at the end of the project.

Answer: Designated washout area or disposable container...

Feedback: Concrete trucks, pumps and finishing tools should always be cleaned into a designated washout area or disposable container such as a kiddie pool.

Question 4:

Should you block, berm or use a filter device to protect catch basins during saw cutting operations?

- True
- False

Answer: True

Feedback: Protecting storm drains is important because concrete cutting slurry contain the chemical chromium VI and can also affect the ph. in surface water.

Question 5:

You should always wash excess concrete from exposed aggregate concrete finishing into the storm drain?

- True
- False

Answer: False

Feedback: You should **never** wash excess concrete slurry from exposed accurate finishing into the storm drain. Avoid stockpiling uncovered materials in the street, sweep up as much material as possible.

Pressure Washing & Surface Cleaning

Question 1:

Routine property maintenance should include?

- Litter control
- Frequent sweeping
- Spill containment and clean-up
- All of the above

Answer: All of the above

Feedback: Routine (monthly) property maintenance should include: litter control, frequent sweeping, spill containment and clean-up

Question 2:

Commercial wash water from steam cleaning or laden with detergents and cleaning chemicals is allowed in the storm drain?

- True
- False

Answer: False

Feedback: Commercial wash water from steam cleaning or laden with detergents and cleaning chemicals are **not allowed** in the storm drain. It should be collect and disposed into an oil water separator connected to the sanitary sewer.

Question 3:

Small amounts of commercial wash water can be directed onto landscaped areas for infiltration?

- True
- False

Answer: True

Feedback: Small amounts (less than 50 gallons) of commercial wash water can be directed onto landscaped areas for infiltration.

Paint Use and Disposal

Question 1:

What year was lead-based paint banned from use in household paint?

- 1968
- 1978
- 1988
- 1998

Answer: 1978

Feedback: Lead-based paint was banned from use in household paints in 1978. Additional care should be taken when working on older homes because lead-based paint may be present.

Question 2:

You should always clean oil based paint brushes in a sink connected to the sewer system?

- True
- False

Answer: False

Feedback: You should **never** clean oil based paint brushes in a sink. Clean oil-based paint brushes and equipment where waste paint and solvents can be collected and disposed as hazardous waste. Water based paint brushes can be cleaned in a sink connect to water reclamation facility but not ones connect to a septic system. Paint brushes should **never** be cleaned into a storm drain.

Question 3:

What is the proper way to dispose of unwanted paint?

- Recycle/reuse; donate to nonprofit organization.
- Let the paint residue dry in the cans; remove lid; dispose in trash.
- Solidify with cat litter, air dry, and then dispose in trash.
- Dispose of as hazardous waste.
- All of the above.

Answer: All of the above.

Feedback: Never wash or clean water based paint near a catch basin.

Illicit Discharge Recognition and Reporting

Question 1:

What signs can you look for to help spot an illicit discharge?

- Pavement staining around a catch basin / storm drain.
- Odors, colors or smells coming from inside a catch basin.
- Dry weather flows draining into a catch basin.
- Hoses or pipes discharging to a catch basin.
- All of the above

Answer: All of the above

Feedback: Remember, **Only Rain in the Storm Drain.**

Question 2:

You should report all suspected illicit discharges to stormwater program staff?

- True
- False

Answer: True

Feedback: Report all suspected illicit discharges to Stormwater Program Staff so they can follow-up. David Buchanan is in charge of the Illicit Discharge Detection and Elimination (IDDE) program he can be reached at (541) 693-2176.

Question 3:

If someone is actively dumping or spilling a hazardous material you should first call _____?

- Public Works Front Desk @ 541-317-3000
- Stormwater Program Staff @ 541-693-2176
- Non-Emergency Police Line @ 541-322-2960
- 911

Answer: 911

Feedback: Call 911 if someone is actively dumping or spilling a hazardous material.

Street Sweeping

Question 1:

The City of Bend Sweeping Plan should be followed for conducting street sweeping?

- True
- False

Answer:; True. Contact Christopher Blake for a copy of the Sweeping Plan.

Question 2:

It is important to maximize pollutant removal by:

- Conducting tandem driving in areas of heavy load.
- Check equipment for proper adjustment.
- Operate equipment at the speed specified by the manufacturer.
- Regularly inspect and maintain equipment and replace worn components.
- All of the above

Answer: All of the above. Maximizing pollutant removal helps keep our streets and waterways clean. It prevents clogging and thereby increases the lifespan of our stormwater facilities.

Question 3:

The following should be reported if noticed during street sweeping.

- Trees interfering with the street sweeper.
- Maintenance warning lights.
- Spills or suspected dumping on the streets.
- All of the above

Answer: All of the above. Report tree interference to your supervisory; maintenance warning lights to the Garage; and spills or suspected dumping/illicit discharges in the streets or storm drains to David Buchanan in the Stormwater Program.

Question 4:

Be sure to track mileage, volume or weight of material for street sweeping

- True
- False

Answer: True. This information is used in our annual reporting to the Department of Environmental Quality.

Question 5:

To properly dispose of excess street sweeper water, use it to flush out the storm drain.

- True
- False

Answer: False. Decant excess water through an oil/water separator that discharges to the sanitary sewer.

Concrete Use and Disposal Training

Question 1:

There is no need to protect storm drains when conducting saw-cutting or concrete installation.

- True
- False

Answer: False. Concrete contains stormwater pollutants and some materials can help clog storm drain facilities. Protection of storm drain facilities with a filter device is critical.

Question 2:

If saw-cutting slurry does enter the storm drain system, you should:

- a. Let it go—out of sight, out of mind.
- b. Remove the material immediately.
- c. Let it dry and then remove it.

Answer: b. Remove the material immediately.

Question 3:

To dispose of concrete, I should recycle and reuse it to the degree possible and then transport the remaining to the landfill as construction or demolition waste.

- True
- False

Answer: True.

Question 4:

The following is a suitable place to wash out concrete trucks:

- a. Anywhere onsite.
- b. Within 50 feet of a storm drain or waterbody
- c. In a properly sized temporary pit such as a small kids wading pool

Answer: C. a properly sized temporary pit or bermed area where the concrete can be site and later broken up and properly disposed is appropriate.

Question 5:

Mix more concrete than you expect to use just to be on the safe side.

- True
- False

Answer: False. Avoid ordering and mixing excess amounts of concrete.



Memorandum

To: Utility Managers/Supervisors
From: Wendy Edde, Stormwater Program Manager and
David Buchanan, Stormwater Program Analyst
Subject: Stormwater Illicit Discharge Prevention Tailgate Meeting Trainings
Date: January 6, 2015

INTRODUCTION

Per City stormwater regulations, the City is required to meet certain performance standards as described in the Integrated Stormwater Management Plan 2022. Additionally, requirements in Bend Code Title 16 prohibit illicit discharges and refers to the City's Illicit Discharge Manual, available at: www.bendoregon.gov/stormwaterbmp.

OVERVIEW

To facilitate staff training, compliance with the water quality regulations, and protection of our City's river and drinking water quality, Stormwater utility staff have developed a series of training fact sheets designed to easily be used as appropriate for the topic at hand for a brief weekly or tailgate training.

The training materials consist of a training cover sheet for the supervisor or manager use that provides the reasoning for and summary of the specific training topic. This top sheet also includes a training attendee sign in sheet which should be completed and returned to Stormwater Program staff for proper credit and to meet regulatory requirements. If another sign in sheet is used for the standing meeting, a copy of that sign in sheet attached to the cover sheet with the topic covered will be accepted. Stormwater staff are available to come provide the brief training(s) upon request.

The following topics are covered:

Topic	Suitable for Applicable Staff:	Recommended Time Interval	Time Needed for Training
Vehicle and Equipment Washing	Garage, Utility, Streets; EIPD	Yearly to Biannually	5-10 minutes
Leaky Equipment and Fueling	Garage; Utility, Streets	Yearly	5-10 minutes

Topic	Suitable for Applicable Staff:	Recommended Time Interval	Time Needed for Training
Training			
Spill Prevention, Control and Cleanup Training	Garage; Utility, Streets, EIPD field	Yearly	5-10 minutes
Utility/Road Repair & Maintenance Training	Streets, Utilities, EIPD field	Yearly	10-15 minutes
Paint Use and Disposal Training	Streets, Utilities	Yearly	5-10 minutes
Landscape Maintenance Training	Streets, Utilities (Stormwater)	Yearly	5-10 minutes
Illicit Discharge Follow-up Stormwater Training	Stormwater Program Staff only	Biennially	10-15 minutes
Illicit Discharge Recognition and Reporting	All City Staff	Yearly	5-10 minutes
Surface Cleaning	Streets, Utilities, Garage, Facilities	Yearly	5-10 minutes
Winter Road Care (drafted)	Streets	Yearly	5-10 minutes
Street Sweeping (under development)	Streets	Yearly	5-10 minutes

RECOGNITION PROGRAM

Staff completing all applicable topic trainings within a one year period will receive recognition of their achievement.

CONTINUAL IMPROVEMENT

Please contact David Buchanan or Wendy Edde for suggestions for improving the fact sheets or training series.



Concrete Use and Disposal Training

Department/Group: _____ Date: _____
 Meeting Location: _____

Quick Tips

Who

This training is targeted toward people who are involved in the construction or repair of utility and roadways. It is intended to be provided by the immediate supervisor or stormwater program staff upon request.

What

Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where

Best management practices targeted towards construction site erosion control and concrete washout.

When

For use in weekly meetings or tailgate meetings.

Why

Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How

Provide copies of the fact sheet and walk through items. Discussed key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) to reduce unauthorized discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Employee Safety
- ❖ Performance Standards & Best Management Practices
- ❖ Saw-cutting Operations
- ❖ Concrete Washout Requirements
- ❖ Spill Containment, Cleanup and Reporting
- ❖ Concrete (Do's and Don'ts)
- ❖ Addition Resources



Presenter Notes:

Key Talking Points / Meeting Preparation Considerations

- PPE requirements
- Follow Performance Standards & Best Management Practices
- Understand the spill containment, cleanup and reporting requirements
- Be familiar with applicable Codes and regulations.

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____ Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff
Any question? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

Concrete Use and Disposal Training Fact Sheet

Why Do We Care?

- ❖ Uncured concrete can affect the pH in streams. The Deschutes River is listed for pH as a pollutant of concern.
- ❖ Concrete contains other pollutants like Hexavalent Chromium (Cr(VI)), known to cause cancer and negatively affect respiratory systems, kidney, liver, skin and eyes.

Employee Safety

- ❖ Wear appropriate PPE at all time (e.g., steel toe boots, hearing protection, safety glasses, hard hat, gloves).
- ❖ Contact the Safety Manager with any specific question or concerns prior to starting work on a project.

Applicable Performance Standards & Best Management Practices

Saw-cutting Operations

- ❖ During saw-cutting operations, block or berm around storm drain inlets using sand bags or an equivalent appropriate filter device, or absorbent materials such as pads, pillows, or socks to contain slurry, or wet/dry vacuum the slurry. If slurry enters the storm drain system, remove the material immediately. *
- ❖ Remove saw-cut slurry (e.g., with a shovel or vacuum) before leaving at the end of the day. *

Concrete Removal

- ❖ Take measures to protect storm drain inlets prior to asphalt breaking or concrete sawing operations (e.g., place sand bags or filtering barrier around inlets). Clean afterwards by sweeping or removing as much material as possible. Do not wash down to the storm drain. *
- ❖ After breaking up old pavement, remove and recycle as much as possible to avoid contact with rainfall and stormwater runoff. *

Concrete Truck Washout

- ❖ Perform on-site washout in designated areas only. Do not wash out concrete trucks into storm drains, open ditches, streets or streams.
- ❖ Wash out concrete wastes into a properly sized temporary pit or bermed area where the concrete can be set, later broken up and properly disposed (small wading pools can be used as a portable washout area).
- ❖ Locate washout area at least 50 feet from storm drains, open ditches or waterbodies.
- ❖ Avoid ordering and mixing excess amounts of concrete.

Disposal Requirements

- ❖ Recycle/reuse used concrete whenever possible –or– Transport to landfill as construction and demolition waste. *

Spill Containment, Cleanup

1. If spill occurs, contain, and use dry methods to clean; follow procedures in the Spill Prevention Plan. See also the Spill Prevention, Control, and Cleanup Training Sheet.

Do's and Don'ts

Do recycle / reuse waste concrete.



Do remove saw-cut slurry with a shovel or vacuum.



Do protect storm drain inlets.



Don't allow sediment laden runoff to enter storm drains.



Don't wash concrete truck waste into catch basins.



Codes and Regulations

- Bend Code Title 16 bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Practices Manual bendoregon.gov/idmanual

Additional Resource

www.oracwa.org/documents/ACWASWSiteGuide0313w.pdf

Regulatory Drivers

* ISWMP 2022 Performance Standard Requirement

** Bend Code Title 16 - BMP Manual Requirement

*** Bend Code Title 16 - BMP Manual Recommendation



Leaky Equipment and Fueling Training

Quick Tips

Who

This training is targeted toward people who are involved in the maintenance or repair of fleet vehicles. It is intended to be provided by the immediate supervisor or stormwater program staff upon request.

What

Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where

Best management practices targeted towards fleet maintenance and fueling.

When

For use in weekly meetings or tailgate meetings.

Why

Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How

Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) for equipment and vehicle maintenance to reduce unauthorized discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Employee Safety
- ❖ Performance Standards & Best Management Practices
- ❖ Disposal Requirements
- ❖ Spill Containment, Cleanup and Reporting
- ❖ Leaks (Do's and Don'ts)
- ❖ Addition Resources



Presenter Notes:

Key Talking Points / Meeting Peroration Considerations

- Review Facts sheet and Performance Standards & Best Management Practices
- Be familiar with applicable Codes and regulations.
- Have attendees sign below and return to stormwater program staff

Department/Group: _____ Date: _____
 Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____
 Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff

Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

Leaky Equipment and Fueling Fact Sheet



Applicable Performance Standards & Best Management Practices

Fuel Dispensing Area

- ❖ Store spill containment kits nearby.* (see attach map for spill kit locations)
- ❖ Avoid mobile fueling. If mobile equipment is fueled with a mobile fuel truck, have spill kits available and choose an area away from storm drain facilities, sanitary sewer systems, and waterbodies for fueling.*
- ❖ Do not top off fuel tanks.*
- ❖ Do not dump windshield wash water into catch basins, dispose of in sanitary sewer.

Fleet Maintenance/ Parking Areas

- ❖ Inspect equipment for leaks on a regular basis. * (Inspect daily at the start of each shift)
- ❖ Use drip pans under leaking vehicles. * Repair vehicles with significant leaks. *
- ❖ Drain and replace motor oil and other fluids in a covered shop area. If fluids are changed outdoors, designate an area where there are no connections to the storm drains, watercourses, or the sanitary sewer. Select designated areas where spills can be easily cleaned up or drain to a closed pan and return to shop for proper disposal. *
- ❖ Periodically dry sweep the area* and avoid washing down the areas to storm drain.**
- ❖ Schedule outdoor repair activities for dry weather, if possible. Prevent repair supplies or work material from entering storm drains or watercourses. *
- ❖ Clean equipment as it comes in for repairs using proper collection and disposal methods when necessary. Inspect equipment as it comes in for routine maintenance and clean if needed. *
- ❖ Inspect process lines for leaks or malfunctions regularly and repair leaks or malfunctions promptly.
- ❖ Do not drain leaky lines or containers in to storm drains or sanitary sewers. Collect in secondary container, label the container and dispose of properly.
- ❖ Ensure oil filters are drained before recycling or adding to solid waste.**
- ❖ Properly dispose of mercury containing equipment (e.g., switches) and other hazardous waste.** Mercury is a highly toxic metal that is often found in pre 2003 vehicle hood or trunk light switches and ABS sensors.***
- ❖ Label and store recycling greases, used oil or oil filters, antifreeze, cleaning solutions, auto batteries, hydraulic fluids and transmission fluids separately.**
- ❖ Reduce solvent use by using a wire brush or a bake oven to clean parts and equipment.***

Disposal Requirements

- ❖ Used Motor Oil - Send to recycler (Use secondary containment while storing). **
- ❖ Anti-Freeze - Send to recycler (Use secondary containment while storing). **
- ❖ Other Vehicle Fluids and Solvents (Hazardous Materials) - Dispose of as hazardous waste. **
- ❖ Automobile Batteries (Hazardous Materials) - Send to auto battery recycler.**

Do's and Don'ts

Do recycle used motor oil and antifreeze.



Do clean spills using dry clean-up methods.



Don't allow leaks to drip into catch basins.



Don't wash equipment near storm drains.



Don't top off fuel tanks.



Codes and Regulations

- Bend Code Title 16 bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Practices Manual bendoregon.gov/idmanual.gov
- Spill Prevention Plan PUW g:\puw\qpw\gar\spill prevention

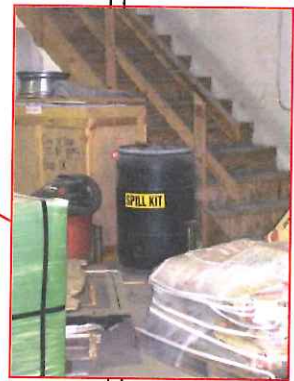
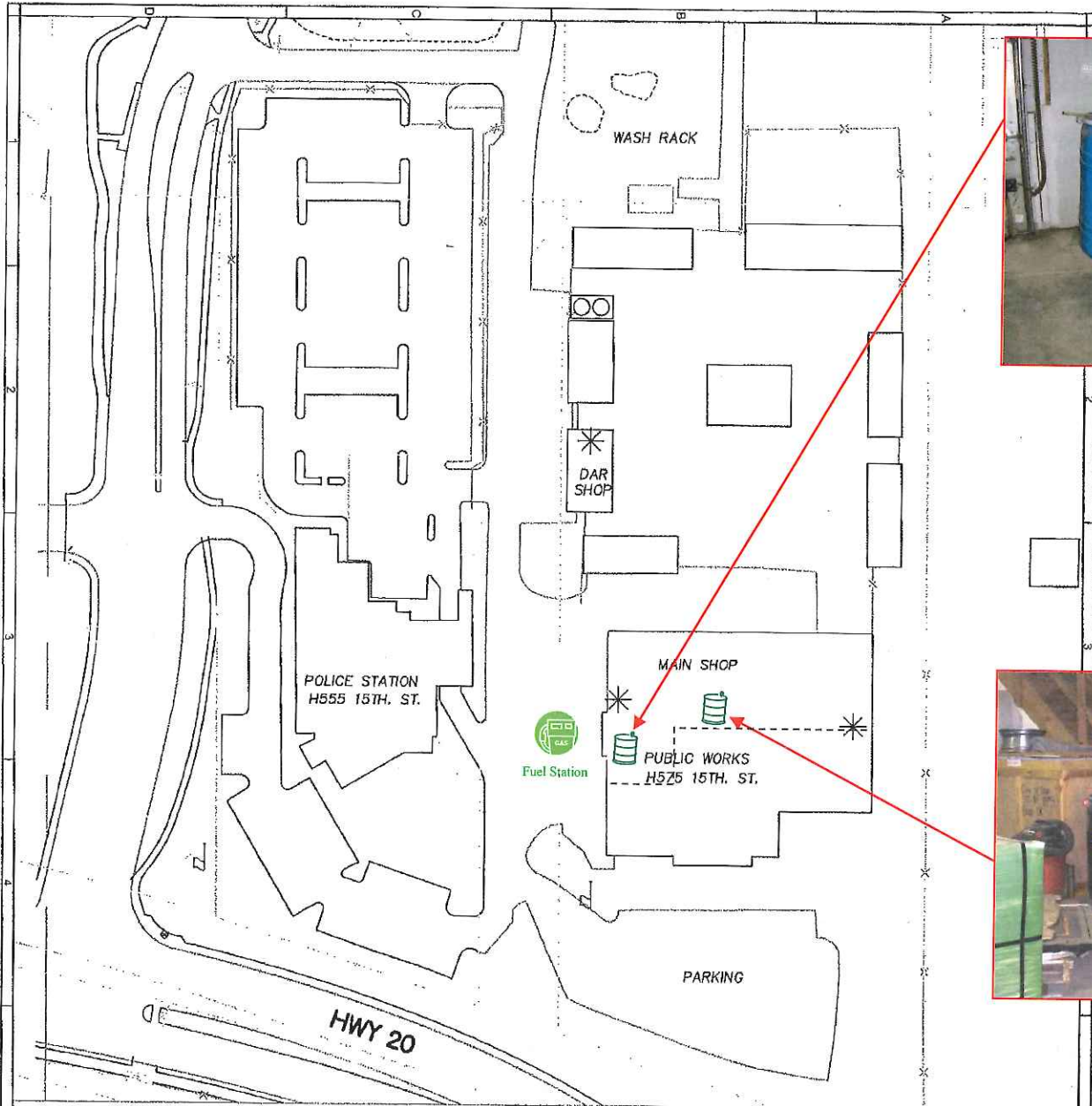
Additional Resource

- www.epa.gov/region09/waste/p2/autofleet/floor.pdf
- www.epa.gov/region09/waste/p2/autofleet/antifreeze.pdf
- www.deq.state.or.us/aq/factsheets/07aq021_Autobody.pdf

Regulatory Drivers

- * ISWMP 2022 Performance Standard Requirement
- ** Bend Code Title 16 - BMP Manual Requirement
- *** Bend Code Title 16 - BMP Manual Recommendation

15th Street Corporation Yard - Spill Containment Kit Locations



LEGEND:

* - SPILL KIT LOCATIONS

PUBLIC WORKS COMPLEX
SCALE: 1"=100'



DATE: 02/01/2005
DRAWN BY: STS
SCALE: AS SHOWN
REV: 1

REVISIONS:
DATE: 02/01/2005



CITY OF BEND
ENGINEERING DIVISION
CITY HALL, ASNEY
745 NW GOULD ST. BEND, OREGON 97701
PHONE: (541) 388-5570 FAX: (541) 388-5544

EXHIBIT A-01
PUBLIC WORKS FACILITY AND COMPOUND
CITY OF BEND PUBLIC WORKS
DESCHUTES COUNTY, OREGON



Quick Tips

Who

This training is targeted toward people who are involved in working in or driving upon City Right-of-Way. It is intended to be provided by the immediate supervisor (or stormwater program staff upon request.)

What

Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where

Best management practices targeted towards any City employee working in the Right of Way.

When

For use in weekly meetings or tailgate meetings.

Why

The performance standards covered here are required under our state stormwater quality permit(s). Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How

Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations. Have attendees sign in and return sheet to stormwater program staff.

Illicit Discharge Recognition and Reporting Stormwater Training

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) for staff to help them recognize and report potential illicit discharges. In an effort to reduce unauthorized discharges into storm drains within the City of Bend. Illicit discharges have the potential to negatively impact our unground drinking water aquifer and the Deschutes River.

Meeting Agenda

- ❖ Define what is an Illicit Discharge
- ❖ Cover how to spot an illicit discharge
- ❖ Performance Standards & Best Management Practices
- ❖ Why is it important to report illicit discharges?
- ❖ Spill Containment, Cleanup and Reporting
- ❖ Additional Resources
- ❖ Ensure sign-in sheet is completed



Presenter Notes:

Key Talking Points/ Meeting Preparation Considerations

- Review Illicit Discharge Definition
- Discuss how to identify an illicit discharge
- Ensure staff understanding of Performance Standards & Best Management Practices
- Understand the spill containment, cleanup and reporting requirements
- Be familiar with applicable Codes and regulations.

Department/Group: _____ Date: _____

Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____ Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff, David Buchanan or Wendy Edde (at the Boyd Acres Campus)

Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

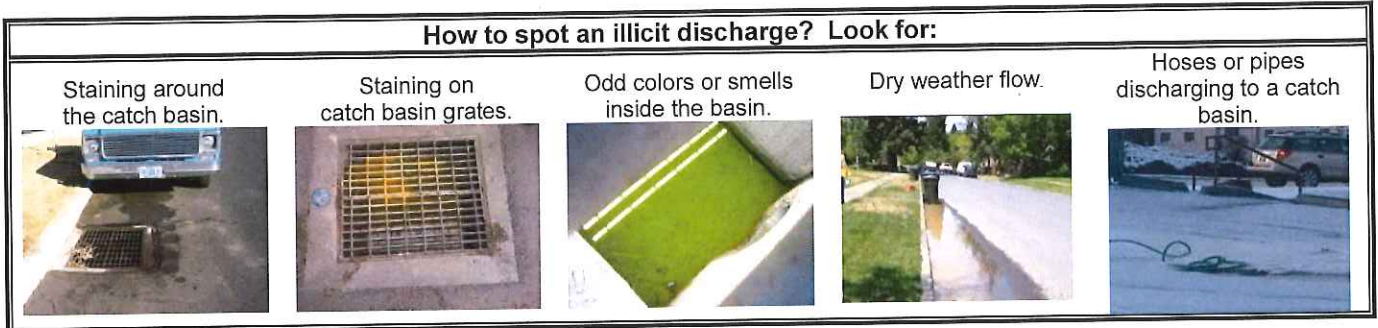
Illicit Discharge Reporting Fact Sheet



What is an Illicit Discharge?

An illicit discharge is any discharge to a catch basin, surface water body, dry well or drill hole that is not composed entirely of stormwater. Think **"Only Rain in The Storm Drain."** (There are conditionally exempt discharges pursuant to a NPDES permit or WPCF permit or rule authorization requirement specific to the inlet, discharges resulting from firefighting activities, or other exempt discharges as outlined in Bend Code Title 16 Chapter 16.20) but stormwater staff will evaluate those on a case by case basis. If you are not sure about a discharge contact Stormwater Program Staff; David Buchanan or Wendy Edde and we will check it out.

How to spot an illicit discharge? Look for:



Applicable Performance Standards & Best Management Practices

Report All Suspected Illicit Discharges to Stormwater Program Staff* (See Page 6-II)

If possible take a photo and note the time, date and location and notify:

- ❖ Public Works - (541) 317-3000 -and-
- ❖ David Buchanan - (541) 693-2176 Dbuchanan@ bendoregon.gov Cell (541) 647-7544
- ❖ Wendy Edde - (541) 317-3018 Wedde@ bendoregon.gov Cell (510) 701-1247

If someone is actively dumping or spilling a hazardous material - **Call 911** and Stormwater Program Staff.
If the spilled or dumped material is too large to easily step over - **Call 911** and Stormwater Program Staff.

Why is it important to report illicit discharges?

Illicit Discharges have the risk of polluting our drinking water supplies and the Deschutes River. Having your extra eyes in the field will help protect our valuable water quality and habitat.

Spills/Illicit Discharge Containment, Cleanup

1. For large spills/ illicit discharges contact Bend Fire Department at (541-693-6911), if hazardous dial 911.
2. If non-hazardous spill or illicit discharge occurs that is small enough to step across, use dry methods to clean and follow procedures in the Spill Prevention Plan. Always remember, your safety comes first.
3. Contain spilled material using onsite spill kits, drip pans, sand bags or dirt berms.
 - ❖ **Spill Kits are located at:** 15th Street - in the shop area. Call David or Wendy to request a small spill kit for your City vehicle.
 - ❖ The City also has a spill trailer for use in the field. Contact Travis Somers at (541) 419-1312 for more info.
4. Block off catch basins in the area.
5. Properly remove contaminated soils with spilled materials.*
6. Report all spills/ illicit discharges to your supervisor.

Codes and Regulations

- Bend Code Title 16 bendoregon.gov/swregulations
- Illicit Discharge Manual bendoregon.gov/idmanual
- Spill Prevention Plan [q:puw\gpw\gar\spill prevention](http://puw\gpw\gar\spill prevention)

Additional Resources

- <http://cfpub1.epa.gov/npdes/stormwater/idde.cfm>

Regulatory Drivers

- * ISWMP 2022 Performance Standard Requirement
- ** Bend Code Title 16 - BMP Manual Requirement
- *** Bend Code Title 16 - BMP Manual Recommendation



Spill Prevention, Control and Cleanup Training

Quick Tips

Who

This training is targeted toward people who are involved in the construction or repair of utility and roadways. It is intended to be provided by the immediate supervisor (or stormwater program staff upon request).

What

Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where

Best management practices targeted towards construction site erosion control and concrete washout.

When

For use in weekly meetings or tailgate meetings.

Why

Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How

Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) for all public works employs to reduce spills and unauthorized discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Employee Safety
- ❖ Performance Standards & Best Management Practices
- ❖ Spill Containment, Cleanup and Reporting
- ❖ Do's and Don'ts
- ❖ Additional n Resources



Presenter Notes:

Key Talking Points / Meeting Preparation Considerations

- Review Performance Standards & Best Management Practices
- Understand the spill containment, cleanup and reporting requirements
- Be familiar with applicable Codes and regulations
- Have attendees sign below and return to stormwater program staff

Department/Group: _____ Date: _____
 Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____ Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff

Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

Spill Prevention, Control and Cleanup Fact Sheet



Employee Safety

- ❖ Wear appropriate PPE at all times (e.g., Safety vest, steel toe boots, hearing protection, safety glasses, hard hat & gloves).
- ❖ Contact the Safety Manager (541-408-4641) with any specific questions or concerns prior to using a new chemical or cleaning up a spill.

Applicable Performance Standards & Best Management Practices

Spill Prevention, Control and Cleanup BMPs

- ❖ Regularly inspect and maintain spill cleanup kits in all activity areas.**
- ❖ Prevent and clean up spills immediately using dry cleanup methods.**
- ❖ Report all spills to the Oregon Emergency Response System (1-800-452-0311) that release: **
 - Any amount of oil to waters of the state. **
 - Oil on land in excess of 42 gallons. **
 - Hazardous materials that are equal to, or greater than, the quantity listed in the Code of Federal Regulations, 40 CFR Part 302 and amendments adopted before July 1, 2002. ** (see link below)

Container, Bulk, and Waste Storage:

- ❖ Clearly label containers or tanks and place them in a designated storage area with secondary containment. **
- ❖ Take steps to prevent unauthorized entry into the storage area.**
- ❖ Inspect tanks, drums, containers, and equipment regularly for leaks or spills.**
- ❖ Store and maintain spill cleanup materials near the storage areas.**

Loading and Unloading:

- ❖ Load and unload toxic materials indoors. If this is not possible, then it is recommended to cover the outside loading and unloading docks to reduce exposing materials to rain or snow.***
- ❖ Use drip pans and/or absorbent materials to catch leaks or spills under hoses and pipe connections, when transferring liquids, or if material is removed directly from tanks and containers. ***

Spill Containment, Cleanup and Reporting

1. If a spill occurs, use dry methods to clean and follow procedures in the Spill Prevention Plan.
2. Contain spilled material using onsite spill kits, drip pans, sand bags or dirt berms.
3. Block off catch basins in the area using booms, pipe plugs or rubber mats. (Located in the spill kits/trailer).
4. Properly remove contaminated soils with spilled materials.*
5. For large spills contact Bend Fire Department at (541-693-6911), if hazardous dial 911 and clear the area.
6. Report all spills to your supervisor & safety manger.

Do's and Don'ts

Do regularly inspect and maintain spill cleanup kits.



Do use drip pans and absorbent materials to catch leaks



Do clean up spills immediately using dry cleanup methods.



Don't rinse down spills into catch basins.



Don't load and unload or store toxic materials outdoors.



Codes and Regulations

- Bend Code Title 16 Bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Practices Manual Bendoregon.gov/idmanual

Additional Resource

Hazardous Materials Reporting Limit. - www.epa.gov/oust/fedlaws/cfr.htm
Hazardous Spill Response Procedures - Q:\PUWGPWGAR\FUEL\alarms & spills
Spill Prevention And Cleanup BMP's - Q:\PUWGPWGAR\Spill Prevention

Regulatory Drivers

* ISWMP 2022 Performance Standard Requirement

** Bend Code Title 16 - BMP Manual Requirement

*** Bend Code Title 16 - BMP Manual Recommendation



Paint Use and Disposal Training

Quick Tips

Who
This training is targeted toward people who are involved in the storage, use or disposal of paint or paint products. It is intended to be provided by the immediate supervisor or stormwater program staff upon request.

What
Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where
Best management practices targeted towards field work including paint use and disposal.

When
For use in weekly meetings or tailgate meetings.

Why
Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How
Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) to reduce unauthorized paint discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Performance Standards & Best Management Practices
- ❖ Disposal Requirements
- ❖ Spill Containment, Cleanup and Reporting
- ❖ Paint (Do's and Don'ts)
- ❖ Addition Resources



Presenter Notes:

Key Talking Points / Meeting Peroration Considerations

- Follow Performance Standards & Best Management Practices
- Understand the spill containment, cleanup and reporting requirements
- Be familiar with applicable Codes and regulations

Department/Group: _____ Date: _____
Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____ Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff.
Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018



Landscape Maintenance Training

Quick Tips

Who
 This training is targeted toward people who are involved in the maintenance of landscaped areas or landscaped stormwater features. It is intended to be provided by the immediate supervisor or stormwater program staff upon request.

What
 Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where
 Best management practices targeted towards landscape maintenance staff.

When
 For use in weekly meetings or tailgate meetings.

Why
 Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How
 Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) for landscape maintenance to reduce unauthorized discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Performance Standards & Best Management Practices
- ❖ Disposal Requirements
- ❖ Addition Resources



Presenter Notes:

- Key Talking Points / Meeting Peroration Considerations
- Review fact sheet with staff
 - Cover Performance Standards & Best Management Practices
 - Be familiar with applicable Codes and regulations
 - Have attendees sign in below and return cover sheet to Stormwater programs staff

Department/Group: _____ Date: _____
 Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____ Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff

Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

Landscape Maintenance Fact Sheet



Applicable Performance Standards & Best Management Practices

Pesticides, herbicides and fertilizers contain chemicals that can affect our drinking water supply and the water quality of the Deschutes Rivers. It's important that we keep these chemicals out of the water supply.

Landscape Maintenance

- ❖ Use all reasonable measures to reduce pollutants from entering storm drains (e.g., litter, fertilizers, etc.). **
- ❖ Properly dispose of debris daily. ** *Do not leave it where it may enter a storm drain.*
- ❖ Inspect and clean the landscaped storm drainage facilities as needed (inspect at least twice a year) to ensure they operate as originally designed. **
- ❖ **Avoid blowing trash, yard debris, and dust into streets or gutters. *****

Landscape Irrigation and Lawn Watering *(City of Bend Water Customers Only)*

- ❖ To minimize water waste City of Bend Irrigation hours are from 5:00 PM to 9:00 AM.
- ❖ Even address should water on even numbered days and odd address numbers should water on odd numbered days of the month.
- ❖ Adjust your watering amounts once vegetation is established or as the weather and temperature change.
- ❖ Overspray is not allowed; adjust sprinklers heads and automatic sprinkler cycles to avoid dry weather flows.

Pesticides and Fertilizers

- ❖ Store and maintain spill cleanup materials near pesticide, herbicides and fertilizers storage areas. **
- ❖ Use pesticides, herbicides and fertilizers according to the manufacturer's recommendations. **
- ❖ Use integrated pest management practices where appropriate. ***
- ❖ Use up pesticide, rinse containers, use rinse water as product. ***
- ❖ Purchase only the amount of pesticides and fertilizer you need for your site. ***
- ❖ Avoid using metal-based algacides (copper sulfate) in fountain water. ***
- ❖ Do not apply pesticides, herbicides and fertilizers under windy condition. Sweep up overblown product.

Disposal Requirements

Pesticides, Herbicides & Fertilizers (Hazardous Materials)






- ❖ Use rinse water as product and dispose of rinsed containers in trash. **
- ❖ Dispose unused material as hazardous waste. **

Garden Clippings

- ❖ Compost or take to landfill. **

Tree Trimming

- ❖ Chip, if necessary, before composting or sending to landfill. **

Do's and Don'ts				
Do compost yard debris.	Do sweep up excess fertilizer that lands on sidewalks and roadways.	Do pull noxious weeds.	Don't blow or dump yard debris in the roadway.	Don't let landscape water runoff into the roadway.
				

Codes and Regulations

- Bend Code Title 16 www.bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Manual www.bendoregon.gov/idmanual
- Bend Code 13.30.010 (Invasive Noxious Weeds)

Additional Resources

- www.deschutes.org/Road/Noxious-Weed-Program
- www.bend.watersmartgardening.com

Regulatory Drivers

- * ISWMP 2022 Performance Standard Requirement
- ** Bend Code Title 16 - BMP Manual Requirement
- *** Bend Code Title 16 - BMP Manual Recommendation

Paint Use and Disposal Fact Sheet



Applicable Performance Standards & Best Management Practices

- ❖ Minimize use of chemicals, use water based paint and non-toxic cleaners as much as possible. *
- ❖ Ensure chemical containers have secure lids and are secured properly to the vehicle during transport. *
- ❖ Store paints, solvents, and other maintenance materials in a covered area. ***
- ❖ Use of a ground or drop cloth under painting, scraping and during sandblasting activities is encouraged. ***
- ❖ Avoid lead-based paint. If you suspect lead-based paint is present contact your supervisor. Lead-based paint was banned in 1978 from household paints; some sources indicate that pain in road marking may still contain it. Lead is the pollutant found most in Bend's stormwater and it can cause nervous system and kidney damage, development delays and reproductive problems.

Disposal Requirements

Oil-based paint

- ❖ Recycle/reuse; donate to nonprofit organization or dispose of as hazardous waste. *

Clean-up

- Wipe paint out of brushes. * Clean oil-based paint brushes and equipment where waste paint and solvents can be collected and disposed as hazardous waste. * **
- Donate to nonprofit organization or dispose of as hazardous waste. *
- Filter and reuse thinners or dispose of as hazardous waste. *

Water-based paint

- ❖ Recycle/reuse; donate to nonprofit organization. *
- ❖ Small quantities: let the paint residue dry in the cans; remove lid; dispose in trash. *
- ❖ Large quantities: solidify with cat litter, air dry, and then dispose in trash. **
- ❖ Or dispose of as hazardous waste. *

Cleanup

- Wipe paint out of brushes, then: Rinse to sanitary sewer. * Do not rinse to septic systems or storm drains. **
- Empty paint cans (dry): Remove lids, dispose of lids and cans in trash. *

Spill Containment, Cleanup and Reporting

1. Contain spilled material using onsite spill kits, sand bags or dirt berms.
2. Properly remove any contaminated soils with spilled materials. *
3. Block off catch basins in the area.
4. For large spills contact Bend Fire Department at (541-693-6911), if hazardous dial 911.
5. Report all spills to your supervisor.

Do's and Don'ts

Do recycle excess paint at the Knott Landfill.



Do allow excess latex paint to harden and dispose in trash.



Do clean water based paint brushes in a sink connected to the sewer system.



Don't rinse paint or brushes into the catch basins.



Don't place paint cans containing liquids in the trash.



Codes and Regulations

- Bend Code Title 16 www.bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Manual www.bendoregon.gov/idmanual
- Spill Prevention Plan [PUW q:\puw\gpw\qar\spill prevention](http://PUW%20q:\puw\gpw\qar\spill%20prevention)

Additional Resources

Contact EPA at 1-800-LEAD-FYI for additional information on lead paint.
www.osha.gov
www.paintcare.org
www.deq.state.or.us/lq/sw/prodstewardship/paint.htm
www.epa.gov/lead

Regulatory Drivers

* ISWMP 2022 Performance Standard Requirement

** Bend Code Title 16 - BMP Manual Requirement

*** Bend Code Title 16 - BMP Manual Recommendation



Paint Use and Disposal Training

Quick Tips

Who
This training is targeted toward people who are involved in the storage, use or disposal of paint or paint products. It is intended to be provided by the immediate supervisor or stormwater program staff upon request.

What
Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where
Best management practices targeted towards field work including paint use and disposal.

When
For use in weekly meetings or tailgate meetings.

Why
Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How
Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) to reduce unauthorized paint discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Performance Standards & Best Management Practices
- ❖ Disposal Requirements
- ❖ Spill Containment, Cleanup and Reporting
- ❖ Paint (Do's and Don'ts)
- ❖ Addition Resources



Presenter Notes:

Key Talking Points / Meeting Peroration Considerations

- Follow Performance Standards & Best Management Practices
- Understand the spill containment, cleanup and reporting requirements
- Be familiar with applicable Codes and regulations

Department/Group: _____ Date: _____
Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____ Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff.
Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

Paint Use and Disposal Fact Sheet



Applicable Performance Standards & Best Management Practices

- ❖ Minimize use of chemicals, use water based paint and non-toxic cleaners as much as possible. *
- ❖ Ensure chemical containers have secure lids and are secured properly to the vehicle during transport. *
- ❖ Store paints, solvents, and other maintenance materials in a covered area. ***
- ❖ Use of a ground or drop cloth under painting, scraping and during sandblasting activities is encouraged. ***
- ❖ Avoid lead-based paint. If you suspect lead-based paint is present contact your supervisor. Lead-based paint was banned in 1978 from household paints; some sources indicate that paint in road marking may still contain it. Lead is the pollutant found most in Bend's stormwater and it can cause nervous system and kidney damage, development delays and reproductive problems.

Disposal Requirements

Oil-based paint

- ❖ Recycle/reuse; donate to nonprofit organization or dispose of as hazardous waste.*

Clean-up

- Wipe paint out of brushes.* Clean oil-based paint brushes and equipment where waste paint and solvents can be collected and disposed as hazardous waste.* **
- Donate to nonprofit organization or dispose of as hazardous waste.*
- Filter and reuse thinners or dispose of as hazardous waste.*

Water-based paint

- ❖ Recycle/reuse; donate to nonprofit organization.*
- ❖ Small quantities: let the paint residue dry in the cans; remove lid; dispose in trash.*
- ❖ Large quantities: solidify with cat litter, air dry, and then dispose in trash. **
- ❖ Or dispose of as hazardous waste.*

Cleanup

- Wipe paint out of brushes, then: Rinse to sanitary sewer.* Do not rinse to septic systems or storm drains.**
- Empty paint cans (dry): Remove lids, dispose of lids and cans in trash.*

Spill Containment, Cleanup and Reporting

1. Contain spilled material using onsite spill kits, sand bags or dirt berms.
2. Properly remove any contaminated soils with spilled materials.*
3. Block off catch basins in the area.
4. For large spills contact Bend Fire Department at (541-693-6911), if hazardous dial 911.
5. Report all spills to your supervisor.

Do's and Don'ts

Do recycle excess paint at the Knott Landfill.



Do allow excess latex paint to harden and dispose in trash.



Do clean water based paint brushes in a sink connected to the sewer system.



Don't rinse paint or brushes into the catch basins.



Don't place paint cans containing liquids in the trash.



Codes and Regulations

- Bend Code Title 16 www.bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Manual www.bendoregon.gov/idmanual
- Spill Prevention Plan [PUW q:\puw\gpw\gar\spill_prevention](http://PUW.q:\puw\gpw\gar\spill_prevention)

Additional Resources

Contact EPA at 1-800-LEAD-FYI for additional information on lead paint.
www.osha.gov
www.paintcare.org
www.deq.state.or.us/lq/sw/prodstewardship/paint.htm
www.epa.gov/lead

Regulatory Drivers

* ISWMP 2022 Performance Standard Requirement

** Bend Code Title 16 - BMP Manual Requirement

*** Bend Code Title 16 - BMP Manual Recommendation



Utility / Road Repair & Maintenance Training

Quick Tips

Who

This training is targeted toward people who are involved in the construction or repair of utility and roadways. It is intended to be provided by the immediate supervisor (or stormwater program staff upon request).

What

Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where

Best management practices targeted towards construction site erosion control and concrete washout.

When

For use in weekly meetings or tailgate meetings.

Why

Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How

Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) for employees involved in utility repair and road construction to reduce unauthorized discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Performance Standards & Best Management Practices
- ❖ Road Repair And Maintenance
- ❖ Spill Containment, Cleanup and Reporting
- ❖ Road Repair & Maintenance (Do's and Don'ts)
- ❖ Addition Resources



Presenter Notes:

Key Talking Points / Meeting Preparation Considerations

- Review Fact Sheet and Best Management Practices
- Cover Performance Standards & Best Management Practices with attendees
- Be familiar with applicable Codes and regulations
- Have attendees sign below and return cover sheet to Stormwater program staff

Department/Group: _____ Date: _____

Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____

Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff
Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

Utility / Road Repair & Maintenance Fact Sheet



Applicable Performance Standards & Best Management Practices

Asphalt contains hydrocarbons such as benzopyrene a cancer causing chemical. Concrete cutting slurry can affect PH and contains chemicals such as chromium 6. It's important that we keep these chemicals out of the water supply.

Road Repair And Maintenance

- ❖ Schedule excavation and road maintenance activities for dry weather, if feasible. *
- ❖ Minimize disturbed soil exposure time and stabilize exposed soils by mulching, hydro-mulching, or using geotextiles.***
- ❖ Prevent sediment laden stormwater runoff during construction activities.**
- ❖ Stockpile soil, base rock, and other construction materials away from the street or storm drain.** Provide a gravel pad on-site for materials and equipment delivery.***
- ❖ Monitor subcontractors and employees to ensure they are practicing good housekeeping techniques and are aware of spill prevention, control, and cleanup procedures and proper waste disposal methods.
- ❖ Keep and maintain spill cleanup materials on site.** In the event of a spill, containment and clean-up using dry clean-up methods is required.**

Saw-cutting Operations

- ❖ Prior to starting and during saw-cutting operations, block or berm around storm drain inlets using sand bags or an equivalent appropriate filter device, or absorbent materials such as pads, pillows, or socks to contain slurry, or wet/dry vacuum the slurry. If slurry enters the storm drain system, remove the material immediately. *
- ❖ Remove saw-cut slurry (e.g., with a shovel or vacuum) before leaving at the end of the day. *
- ❖

Asphalt Removal

- ❖ Take measures to protect storm drain inlets prior to asphalt breaking. Clean afterwards by sweeping or removing as much material as possible. Do not wash down to the storm drain. *
- ❖ After breaking up old pavement, remove and recycle as much as possible to avoid contact with rainfall and stormwater runoff. *

Patching and Resurfacing

- ❖ To minimize runoff from patching and resurfacing activities, do not stockpile materials in streets, gutter areas, or near unprotected storm drain inlets or waterbodies.*
- ❖ Cover and seal manholes and storm drain inlets before applying seal coat, slurry seal, etc. *
- ❖ Never wash excess material from exposed aggregate concrete or similar treatments into a street or storm drain inlet. Designate an unpaved area for clean-up and proper disposal of excess materials. * (Use tools such as small plastic tubs or small swimming pools to collect rinse water and dispose of properly)
- ❖ Use only as much water as necessary for dust control to avoid runoff. *
- ❖ Sweep up as much material as possible and dispose of properly. *
- ❖ Clean up spills and leaks from other equipment and work site areas using "dry" methods (absorbent materials and/or rags). Properly dispose of absorbent materials and rags. If spills occur on dirt areas, properly remove the contaminated soil immediately, or refer to the spill plan if appropriate.
- ❖ After the job is complete, remove stockpiles and other extra materials as soon as possible. *
- ❖ If it rains unexpectedly, take appropriate action to prevent pollution of stormwater. *

Equipment Clean Up/Storage

- ❖ Clean sprayers, patch and paving equipment at the end of the day. Use approved collection methods and dispose or recycle waste materials at an approved facility. * **Do not clean equipment in areas that drain to a stormwater facility.**
- ❖ If stored outdoors, cover sprayers, patch and paving equipment, if they contain pollutants, to prevent rainfall from transporting pollutants to the storm drain system. * Do not clean in an area

Disposal Requirements

- ❖ Recycle used asphalt/concrete whenever possible,* or transport to landfill as construction and demolition waste. *

Do's and Don'ts

Do recycle waste concrete, wood and asphalt.



Do remove saw-cut slurry with a shovel or vacuum.



Do protect storm drain inlets.



Don't allow sediment laden runoff to enter storm drains.



Don't wash concrete truck waste into catch basins.



Don't stock pile material in the roadway.



Codes and Regulations

- Bend Code Title 16 Bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Practices Manual Bendoregon.gov/idmanual

Additional Resources

- www.oracwa.org/documents/ACWASWSiteGuide0313w.pdf
- www.epa.gov/npdes/pubs/concretewashout.pdf

Regulatory Drivers

- * ISWMP 2022 Performance Standard Requirement
- ** Bend Code Title 16 - BMP Manual Requirement
- *** Bend Code Title 16 - BMP Manual Recommendation



Spill Prevention, Control and Cleanup Training

Quick Tips

Who

This training is targeted toward people who are involved in the construction or repair of utility and roadways. It is intended to be provided by the immediate supervisor (or stormwater program staff upon request).

What

Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where

Best management practices targeted towards construction site erosion control and concrete washout.

When

For use in weekly meetings or tailgate meetings.

Why

Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How

Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) for all public works employs to reduce spills and unauthorized discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Employee Safety
- ❖ Performance Standards & Best Management Practices
- ❖ Spill Containment, Cleanup and Reporting
- ❖ Do's and Don'ts
- ❖ Additional n Resources



Presenter Notes:

Key Talking Points / Meeting Preparation Considerations

- Review Performance Standards & Best Management Practices
- Understand the spill containment, cleanup and reporting requirements
- Be familiar with applicable Codes and regulations
- Have attendees sign below and return to stormwater program staff

Department/Group: _____ Date: _____
 Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____ Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff

Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

Spill Prevention, Control and Cleanup Fact Sheet



Employee Safety

- ❖ Wear appropriate PPE at all times (e.g., Safety vest, steel toe boots, hearing protection, safety glasses, hard hat).
- ❖ Contact the Safety Manager with any specific questions or concerns prior to using a new chemical or cleaning up a spill.

Applicable Performance Standards & Best Management Practices

Spill Prevention, Control and Cleanup BMPs

- ❖ Regularly inspect and maintain spill cleanup kits in all activity areas**.
- ❖ Prevent and clean up spills immediately using dry cleanup methods.**
- ❖ Report all spills to the Oregon Emergency Response System (1-800-452-0311) that release: **
 - Any amount of oil to waters of the state. **
 - Oil on land in excess of 42 gallons. **
 - Hazardous materials that are equal to, or greater than, the quantity listed in the Code of Federal Regulations, 40 CFR Part 302 and amendments adopted before July 1, 2002. ** (see link below)

Container, Bulk, and Waste Storage:

- ❖ Clearly label containers or tanks and place them in a designated storage area with secondary containment. **
- ❖ Take steps to prevent unauthorized entry into the storage area.**
- ❖ Inspect tanks, drums, containers, and equipment regularly for leaks or spills.**
- ❖ Store and maintain spill cleanup materials near the storage areas.**

Loading and Unloading:

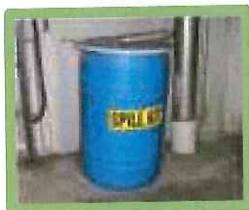
- ❖ Load and unload toxic materials indoors. If this is not possible, then it is recommended to cover the outside loading and unloading docks to reduce exposing materials to rain or snow.***
- ❖ Use drip pans and/or absorbent materials to catch leaks or spills under hoses and pipe connections, when transferring liquids, or if material is removed directly from tanks and containers. ***

Spill Containment, Cleanup and Reporting

1. If a spill occurs, use dry methods to clean and follow procedures in the Spill Prevention Plan.
2. Contain spilled material using onsite spill kits, drip pans, sand bags or dirt berms.
3. Block off catch basins in the area.
4. Properly remove contaminated soils with spilled materials.*
5. For large spills contact Bend Fire Department at (541-693-6911), if hazardous dial 911.
6. Report all spills to your supervisor.

Do's and Don'ts

Do regularly inspect and maintain spill cleanup kits.



Do use drip pans and absorbent materials to catch leaks



Do clean up spills immediately using dry cleanup methods.



Don't rinse down spills into catch basins.



Don't load and unload or store toxic materials outdoors.



Codes and Regulations

- Bend Code Title 16 Bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Practices Manual Bendoregon.gov/idmanual

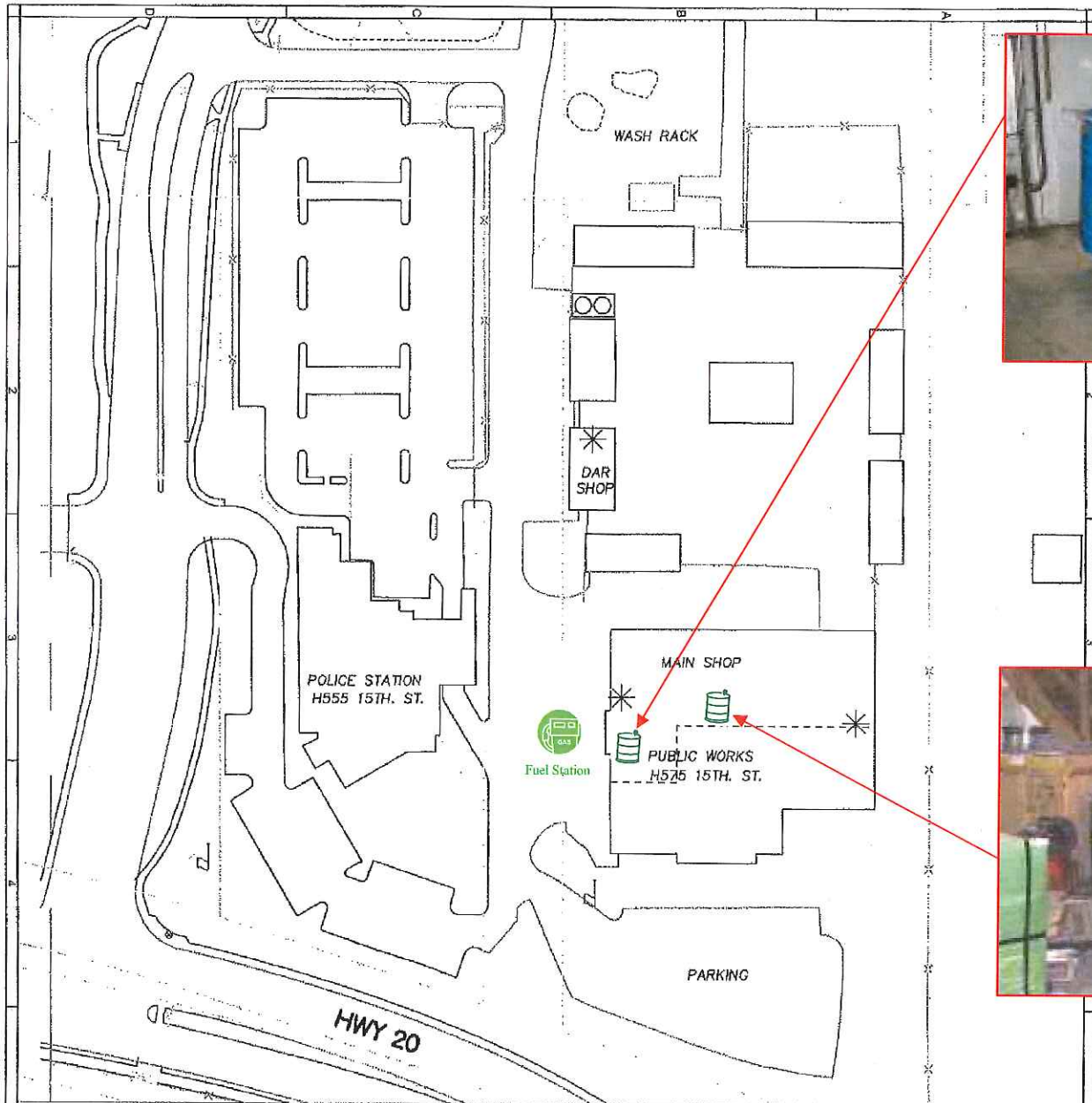
Additional Resource

Hazardous Materials Reporting Limit. - www.epa.gov/oust/fedlaws/cfr.htm
Hazardous Spill Response Procedures - Q:\PUW\GPW\GAR\FUEL\alarms & spills
Spill Prevention And Cleanup BMP's - Q:\PUW\GPW\GAR\Spill Prevention

Regulatory Drivers

- * ISWMP 2022 Performance Standard Requirement
- ** Bend Code Title 16 - BMP Manual Requirement
- *** Bend Code Title 16 - BMP Manual Recommendation

15th Street Corporation Yard - Spill Containment Kit Locations



LEGEND:

* - SPILL KIT LOCATIONS

PUBLIC WORKS COMPLEX
SCALE: 1"=100'



DRAWN BY PWV	A-01	DATE 02/01/2005
	DESIGNED BY SIS	CHECKED BY
	SCALE/ADJUSTED	DATE
	DATE	

CITY OF BEND
ENGINEERING DIVISION

CITY HALL ANNEX
745 NW MOUNT ST., BEND, OREGON 97701
PHONE: (541) 318-5970 FAX: (541) 318-5544

EXHIBIT A-01
PUBLIC WORKS FACILITY AND COMPOUND
CITY OF BEND PUBLIC WORKS
DESCHUTES COUNTY, OREGON



Street Sweeping Training

Quick Tips

Who

This training is targeted toward people who are involved in the operation of street sweepers. It is intended to be provided by the immediate supervisor or stormwater program staff upon request.

What

Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where

Best management practices targeted towards surface cleaning.

When

For use in weekly meetings or tailgate meetings.

Why

Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How

Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) for street sweeping to reduce pollutant discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Performance Standards & Best Management Practices
- ❖ Disposal Requirements
- ❖ Additional Resources
- ❖ Have attendees sign in below and return cover sheet to stormwater program staff



Presenter Notes:

Key Talking Points / Meeting Preparation Considerations

- Review Fact Sheet
- Cover Performance Standards & Best Management Practices
- Be familiar with applicable Codes and regulations.
- Have attendees sign in below and return cover sheet to stormwater program staff

Department/Group: _____ Date: _____
 Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____ Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff

Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

Street Sweeping Fact Sheet



Applicable Performance Standards & Best Management Practices

Streets, roads and parking lots accumulate significant amounts of pollutants that contribute to stormwater pollution. These pollutants, including sediment, debris, trash, road salt, and trace metals can be minimized by street sweeping. Street sweeping also improve the aesthetics of a roadway, control dust and decrease the accumulation of pollutants in catch basins.

Street Sweeping BMPs

Clean streets according to the City of Bend Sweeping Plan. *

Street sweeping efficiency can be improved by:

- ❖ Coordinate with garbage and recycling collection schedules and work with water utility personnel to understand schedules of major water line flushing effort to improve coordination (e.g., to prevent conflicts with sweeping on days when collection barrels are in the road or to sweep pollutants off streets prior to major water line flushing). *
- ❖ By July 1, 2017 take appropriate measures to keep curbed areas clear during street cleaning. *
- ❖ Report trees interfering with street cleaning to your manager so they can be properly addressed. *

Maximize pollutant removal by:

- ❖ Conducting tandem driving in areas of heavy load to minimize dirt tracks, trails, or debris to degree practicable given weather and winter road safety measures. *
- ❖ Check street cleaning equipment for proper adjustment. *
- ❖ Operate street cleaning equipment at the speed specified by the manufacturer. *
- ❖ Regularly inspect and maintain street cleaning equipment. *
- ❖ Replace worn components as required to maximize efficiency. *
- ❖ Reporting spills observed on streets immediately per spill reporting standard operating procedure and to Stormwater Utility Staff. *

Record Keeping

- ❖ Track miles swept using a broom odometer or by tracking mileage. *
- ❖ Track volume or weight of material removed for street cleaning. *
- ❖ By July 1, 2017 identify and target areas for: 1) more frequent cleaning throughout the year or just prior to the rainy season; 2) additional efforts to remove vehicles; 3) distribution of public education materials to discourage illegal dumping, etc. *

Disposal Requirements

- ❖ Decant excess water through an oil/water separator that discharges to sanitary sewer.
- ❖ Screen and reuse road cinders as appropriate. or
- ❖ Dispose at Knott landfill. Material testing may be required prior to landfill disposal; coordinate with the Knott Landfill at (541) 317-3163.

Do's and Don'ts

Coordinating with garbage and recycling collection schedules.



Do report spills.



Do track miles swept and volume removed.



Do not exceed the manufacturers recommend speed for sweeping.



Codes and Regulations

- Bend Code Title 16 bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Practices Manual bendoregon.gov/idmanual.gov

Additional Resources

Regulatory Drivers

* ISWMP 2022 Performance Standard Requirement

** Bend Code Title 16 - BMP Manual Requirement

*** Bend Code Title 16 - BMP Manual Recommendation



Pressure Washing & Surface Cleaning Training

Quick Tips

Who

This training is targeted toward people who are involved in the repair and maintenance of City facilities. It is intended to be provided by the immediate supervisor or stormwater program staff upon request.

What

Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where

Best management practices targeted towards surface cleaning.

When

For use in weekly meetings or tailgate meetings.

Why

Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How

Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) for pressure washing & surface cleaning and to reduce unauthorized discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Performance Standards & Best Management Practices
- ❖ Disposal Requirements
- ❖ Additional Resources
- ❖ Have attendees sign in below and return cover sheet to stormwater program staff



Presenter Notes:

Key Talking Points / Meeting Preparation Considerations

- Review Fact Sheet
- Cover Performance Standards & Best Management Practices
- Be familiar with applicable Codes and regulations.
- Have attendees sign in below and return cover sheet to stormwater program staff

Department/Group: _____ Date: _____
 Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____ Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff

Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

Pressure Washing & Surface Cleaning Fact Sheet



Applicable Performance Standards & Best Management Practices

Most pressure washing and surface cleaning activities are conducted outside. This often results in the discharge of wastewater to the storm drainage system, unless the equipment operator takes steps to collect and dispose of the wash water legally. **Discharge of pressure washing wastewater into the storm drainage system is prohibited** because it contains pollutants from the cleaning compounds used and/or from the objects or surfaces being cleaned such as dumpster areas, parking lots, and equipment containing oils, grease, chemicals, and other substances. Even cleaners labeled “biodegradable” and “non-toxic” may be harmful to aquatic life and or ground water.

Surface Cleaning BMPs

Routine property maintenance should include litter control, frequent sweeping, and ongoing spill containment and clean-up. The use of dry clean-up methods is required. Proper spill clean-up also helps reduce the frequency of more thorough pavement cleaning with water. **

- ❖ Sweep paved areas to be cleaned just prior to pressure washing or steam cleaning and dispose of soil and debris in trash or landscaping. Do not place in storm drains. **
- ❖ Do not discharge commercial wash water from steam cleaning or laden with detergents or cleaning chemicals to storm drains. Wash water with soap, even biodegradable soap, is not allowed into storm drains. **
- ❖ Direct small amounts of this type of wash water onto landscaped areas for infiltration or collect and dispose of the wash water into City of Bend sanitary sewer. **
- ❖ Once you have prior approval through City of Bend Industrial Pre-Treatment Program (call (541)-322-6348 for more information.) **
- ❖ Sweep process areas frequently and avoid washing down the areas into storm drain.

Disposal Requirements

- ❖ Direct small amounts of wash water into landscape areas to infiltrate into the ground. **
- ❖ No wash water or debris is to be left in the street and no discharges to storm drains are allowed. **
- ❖ Dispose of wash water in the sanitary sewer through an approved oil water separator.

Do's and Don'ts

Do block off Catch Basin, collect and properly dispose of wash water.



Do reduce the amount of water used during washing.



Do frequently sweep parking lots and corp. yards.



Do not flush parking lots or corp. yards with a water truck.



Codes and Regulations

- Bend Code Title 16 bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Practices Manual bendoregon.gov/idmanual.gov
- Spill Prevention Plan q:\puw\gpw\gar\spill_prevention

Additional Resources

<http://bendoregon.gov/modules/showdocument.aspx?documentid=2695>

Regulatory Drivers

* ISWMP 2022 Performance Standard Requirement

** Bend Code Title 16 - BMP Manual Requirement

*** Bend Code Title 16 - BMP Manual Recommendation



Vehicle and Equipment Washing Training

Quick Tips

Who

This training is targeted toward people who are involved in the maintenance or repair of fleet vehicles. It is intended to be provided by the immediate supervisor or stormwater program staff upon request.

What

Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where

Best management practices targeted towards fleet maintenance and fueling.

When

For use in weekly meetings or tailgate meetings.

Why

Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How

Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) for vehicle and equipment washing to reduce unauthorized discharges into storm drains within the City of Bend.

Meeting Agenda

- ❖ Performance Standards & Best Management Practices
- ❖ Disposal Requirements
- ❖ Leaks (Do's and Don'ts)
- ❖ Additional Resources
- ❖ Have attendees sign in below and return cover sheet to stormwater program staff



Presenter Notes:

Key Talking Points / Meeting Preparation Considerations

- Review Fact Sheet
- Cover Performance Standards & Best Management Practices
- Be familiar with applicable Codes and regulations.
- Have attendees sign in below and return cover sheet to stormwater program staff

Department/Group: _____ Date: _____
 Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____ Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff

Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

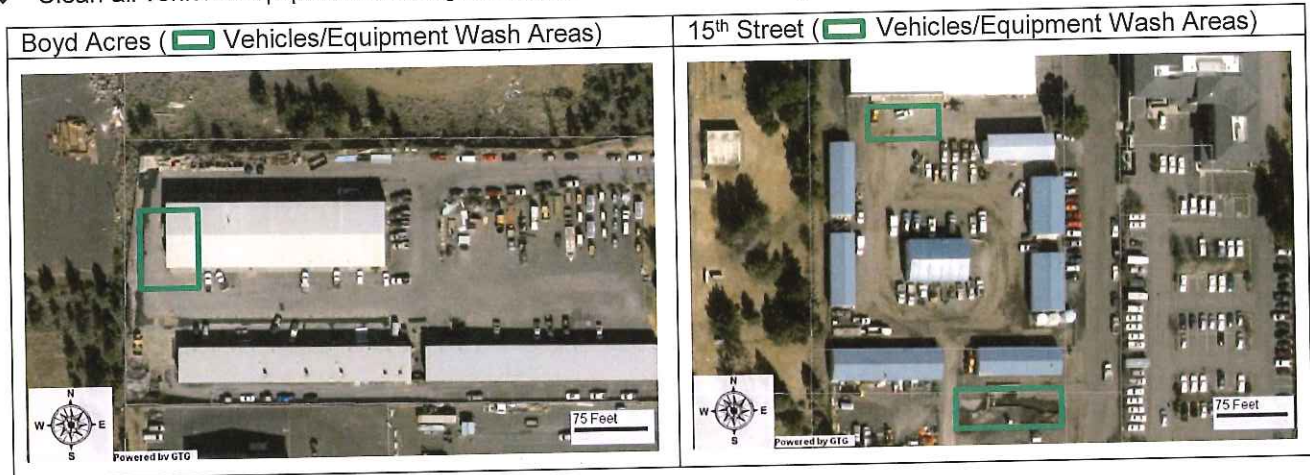
Vehicle and Equipment Washing Fact Sheet



Applicable Performance Standards & Best Management Practices

Vehicle/Equipment Washing

- ❖ Clean all vehicles/equipment at designated wash areas that discharges to the sanitary sewer system.*



- ❖ Ensure wash area is large enough so that all wash water drains to the sanitary sewer or recycling system.
- ❖ Monitor the wash area to make sure it is consistently used.*
- ❖ Consider taking vehicles and equipment to a commercial washing facility that recycles its wash water or consider filtering and recycling wash water.***
- ❖ If washing with detergents, use a phosphate free detergent.***
- ❖ Look for ways to reduce the amount of water used when washing vehicles or equipment.***

Disposal Requirements

- ❖ Recycle wash water when possible.**
- ❖ Collect and dispose of wash water in sanitary sewer through an approved oil water separator.**

Do's and Don'ts

Do use carwash facilities that recycle rinse water.



Do reduce the amount of water used during washing.



Do clean vehicles and equipment in designated wash areas.



Don't wash vehicles or equipment near open storm drains.



Codes and Regulations

- Bend Code Title 16 bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Practices Manual bendoregon.gov/idmanual.gov
- Spill Prevention Plan PUW q:\puw\gpw\gar\spill prevention

Additional Resources

www.bend.or.us/modules/showdocument.aspx?documentid=2695

Regulatory Drivers

- * ISWMP 2022 Performance Standard Requirement
- ** Bend Code Title 16 - BMP Manual Requirement
- *** Bend Code Title 16 - BMP Manual Recommendation



Winter Road Care Training

Quick Tips

Who

This training is targeted toward people who are involved in plowing and deicing roadways. It is intended to be provided by the immediate supervisor (or stormwater program staff upon request).

What

Training materials suitable for conducting a brief "Tailgate" Meeting training in a manner and on topics necessary for meeting State and Federal water quality regulatory requirements.

Where

Best management practices targeted towards construction site erosion control and concrete washout.

When

For use in weekly meetings or tailgate meetings.

Why

Non-compliance with State and Federal water quality regulations can result in fines up to \$25,000 per violation per day.

How

Provide copies of the fact sheet and walk through items. Discuss key ways to improve operations, complete sign-in and send to stormwater program staff.

Training Summary

The purpose of this training is to define minimum requirements and establish Best Management Practices (BMPs) for employees involved in winter road care to reduce unauthorized discharges into storm drains to protect water quality within the City of Bend.

Meeting Agenda

- ❖ Best Management Practices
- ❖ Material Storage
- ❖ Winter Road Care (Do's and Don'ts)
- ❖ Additional Resources



Presenter Notes:

Key Talking Points / Meeting Preparation Considerations

- Review Fact Sheet and Best Management Practices
- Cover Performance Standards & Best Management Practices with attendees
- Be familiar with applicable Codes and regulations
- Have attendees sign below and return cover sheet to Stormwater program staff

Department/Group: _____ Date: _____

Meeting Location: _____

Training Attendees (Sign in)

	(Print name)	(Signature)	(Position Title)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

Training Performed By:

Name: _____
Signature: _____

Please return completed sign-in sheet to: Stormwater Program Staff
Any questions? Contact Wendy Edde, Stormwater Program Manager @ 541-317-3018

Winter Road Care - Salts, Mag Chloride a Ice Melt Fact Sheet



Applicable Performance Standards & Best Management Practices

Deicing chemicals help clear roads from snow and ice during the winter, but road runoff may later carry these chemicals to the Deschutes River and towards our drinking water aquifer. Unlike other contaminants, such as heavy metals or hydrocarbons, chloride is not naturally removed from water as it travels through soil and sediments and moves towards the drinking water aquifer.

Even in small quantities chloride can:

- Deplete the oxygen supply needed by aquatic animals and plants;
- Leach into the ground and change soil composition, making it hard for plants to survive;
- Contaminate groundwater and surface waters; and,
- Deteriorate paved surfaces, buildings, infrastructure, and the environment.



Street Sweeping

Street sweeping soon after the snow melts can prevent excess basalt (cinders) and deicing residue from entering surface and ground waters. The basalt rock can be screened and added back to the sand stock piles for future reuse.

Timing of Deicer Application

Timing and application of liquid deicer is an important consideration; it takes time for deicers to become effective, after which a plow can more easily remove the snow and ice. Do not apply liquid deicer when it's raining or when road temperatures are below 10°F or deicer may freeze to the road surface and reduce road traction.

Placement of Material

Avoid using liquid deicer in the following areas:

- Areas that drain to the Deschutes River (see attached map)
- Within Drinking Water Protection Areas (see attached map)
- If use cannot be avoided, minimize and mitigate application (e.g. Prioritize sweeping of sensitive areas)

Liquid Deicer Application:

- Minimize the amount of liquid deicer used.* (*If some is good, more is not necessarily better*)
- Calibrate deicer application rate prior to the start of winter and after repairs are made to the equipment.
- Deicer will be applied in two different rates (supervisor's call) 20 gallons a mile or 30 gallons a mile, depending on weather conditions.
- Track the amount of product used per month (chemical deicer and basalt sanding).*

Plowing

Plowing is a chemical-free option that helps keep our roads clear of snow and ice. With plowing, less deicing material is needed to melt the remaining snow and ice pack. The City will use alternative materials such as basalt application as much as possible and minimize the use of chemical deicer (e.g., Mag Chloride), especially in sensitive areas.*

Material Storage

Any solid deicers (e.g., Rock Salt, Ice Melt) used shall be properly covered to prevent contact with stormwater, and be stored outside of the 100 year floodplain.* Any spilled material should be swept-up immediately and collected for reuse as product.

Mag Chloride spills during loading, unloading and tank refilling should be cleaned as soon as possible, using dry cleanup methods. Care shall be taken to collect the excess material from piping and hoses. Collect material using drip pans, the collected material shall be used as product or properly disposed of.

Disposal Requirements

- ❖ Avoid dumping snow into surface waters
- ❖ Excess material should be used as product
- ❖ Do not dump excess Mag chloride in the sanitary sewer or into catch basins. Product should be collected and reused as product.

Do's and Don'ts

Do calibrate mag chloride application rates.



Do plow without using deicing chemicals as much as possible.



Do sweep up excess cinders and deicing residue as soon as possible.



Don't allow Mag Chloride to leak onto the ground



Don't apply deicing chemical when the road surface temperatures are below 10°F



Don't apply deicing chemical when it's raining



Codes and Regulations

- Bend Code Title 16 Bendoregon.gov/swregulations
- Illicit Discharge Minimization Best Management Practices Manual Bendoregon.gov/idmanual
- Snow & Ice Removal Plan

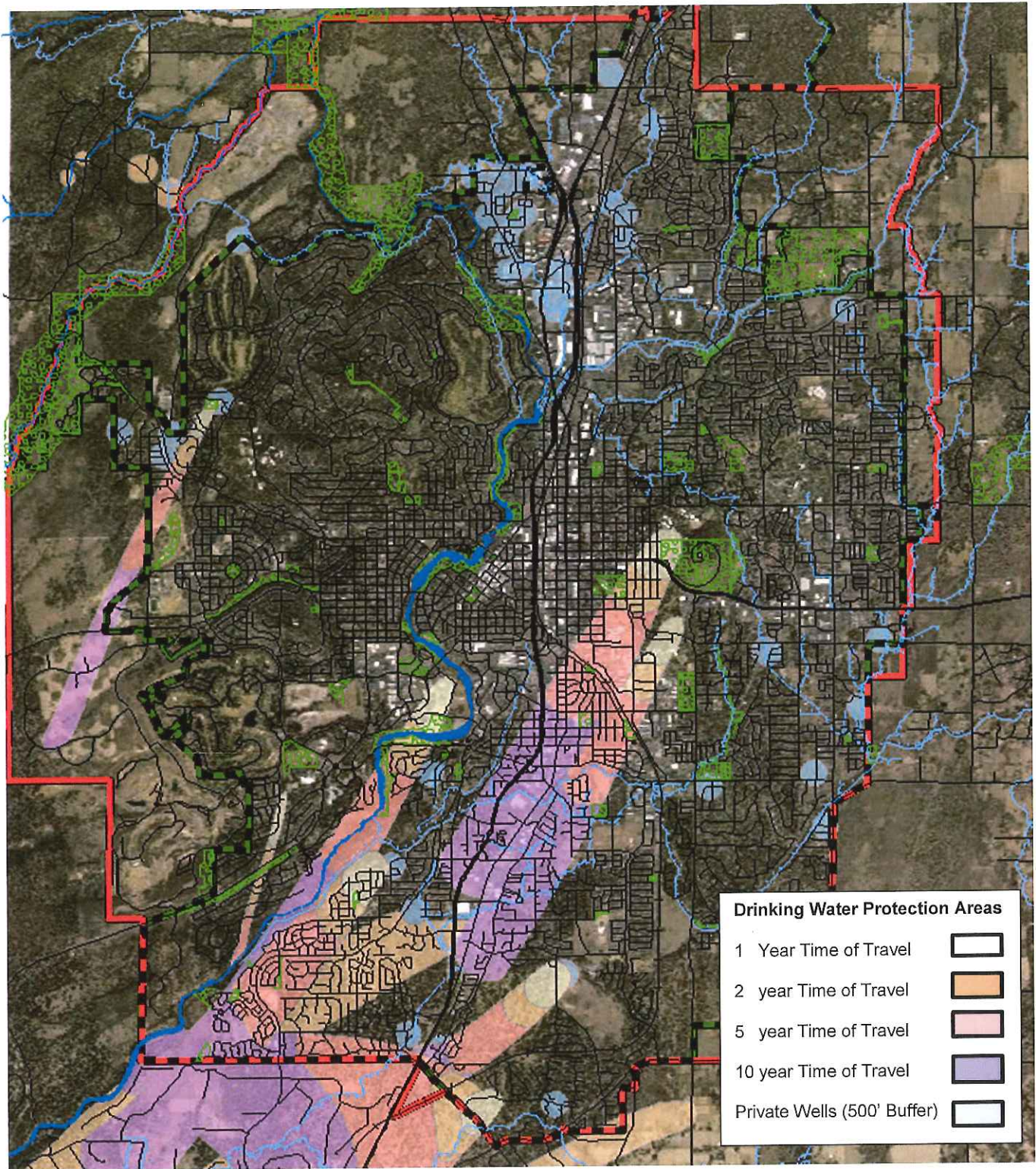
Additional Resources

- http://www.epa.gov/safewater/sourcewater/pubs/fs_swpp_deicinghighway.pdf
- http://www.stormh2o.com/SW/Articles/Salt_No_Easy_Answers_8162.aspx

Regulatory Drivers

- * ISWMP 2022 Performance Standard Requirement
- ** Bend Code Title 16 - BMP Manual Requirement
- *** Bend Code Title 16 - BMP Manual Recommendation

Drinking Water Protection Areas

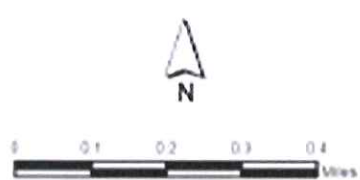
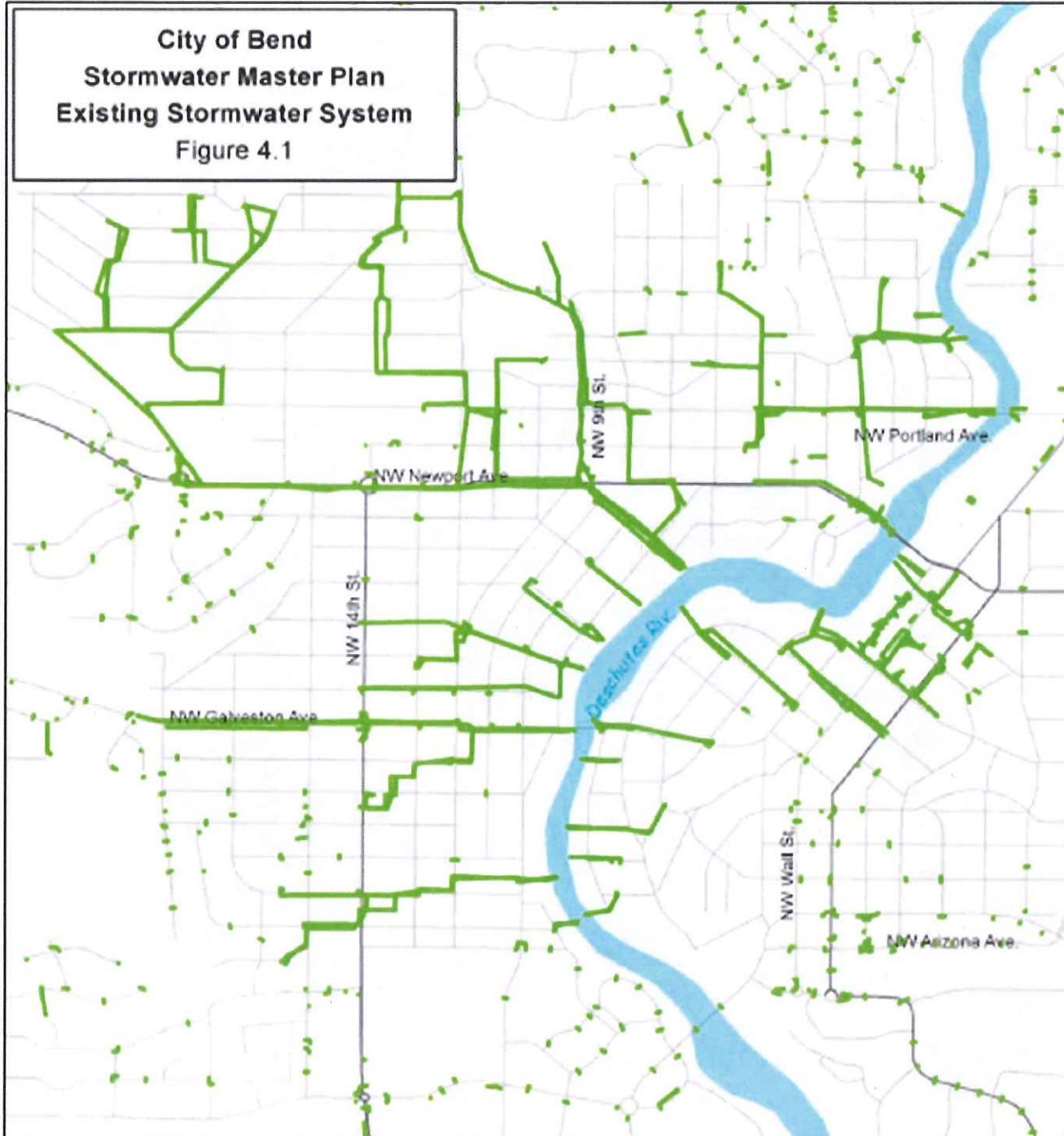


Notes:

Time of travel areas (1, 2, 5 & 10 year) is the expected amount of time it takes for a pollutant in groundwater to reach the well head. Private Wells have a 500' protection area and tend to be closer to the surface than City wells.

Areas That Drain To the River

**City of Bend
Stormwater Master Plan
Existing Stormwater System
Figure 4.1**



- Existing Drainage Pipes
- Urban Growth Boundary
- Rivers, Canals, and Reservoirs

SEDIMENT PREVENTION FOR BUSINESSES



Pollutant of Concern: Sediments

Help Keep Excess Sediment Out of Our Rivers & Stormwater Facilities.

What is sediment?

Sediment is loose soil like sand, clay, small rocks like gravel, or silt that can come as a result of soil erosion, winter traction materials, or plant decomposition.

Soils are Natural, So What's the Problem?

While some sediment is natural in surface water, in urban areas the amount of man-made sediment is high above natural levels. Sediment covers, compacts and clogs.

- ◆ Sediment can make water cloudy (turbid) and prevent animals from seeing food. The Deschutes River through Bend is listed for sediment and turbidity as a pollutant of concern.
- ◆ Sediment can clog fish gills, cover spawning areas and the habitats where the small organisms that form the basis for the food chain live.
- ◆ Nutrients transported by sediment can accelerate algae and plant growth that can ultimately affect oxygen levels in the water. The Deschutes River through Bend are listed for these types of pollutants of concern.
- ◆ Sediment deposits in rivers can alter the flow of water and reduce water depth, which makes navigation and recreational use more difficult.

Sediment can clog stormwater facilities and result in flooding problems. If the sediment clogs beyond the drywell cylinder and into the surrounding drainage rock, the entire drywell would need to be replaced, which unnecessarily adds costs. Drill holes clog even more easily

What can you do as a commercial business?

Prevention is key. Use best management practices (BMPs) to keep soils from moving in the first place, and to keep sediments swept up and managed.

All

- Excess sediment is considered an illicit discharge. If you spot excess sediment in the roadway or sediment that could potential reach stormwater facilities (such as picture at right), contact City of Bend at 541-317-3000.



Commercial Business

- Vegetate bare spots in your landscaping.
- Sweep entrances, sidewalks, driveways and parking lots on a regular basis instead of hosing them off. Washing these areas results in sediment and other pollutants running off into streams, rivers and lakes.
- Inspect and clean your onsite stormwater facilities annually.
- Train landscape maintenance staff to blow dirt, dust and grass clippings back into the grass and not onto sidewalks or paved surfaces, or to collect and compost or dispose of properly in a bin.
- Avoid mowing within 10 to 25 feet from the edge of a stream or river. This will create a safe buffer zone that will help minimize erosion and naturally filter stormwater runoff that may contain sediment.

POLLUTANT: SEDIMENT



What Can You Do as a Builder/Contractor?

Builders/Contractors

- Install erosion control BMPs (e.g., catch basin inlet protection, wattles or silt fence) before you begin site clearing/grading.
- Install temporary gravel construction entrance, never use erodible materials (i.e. gravel, dirt or sand) as ramps for protecting existing curbs.
- Never stockpile any material in the roadway. Properly secure stockpiles.
- Sweep up material that gets tracked out onto the roadway daily.
- **Sediment is not allowed to come off any construction site**, whether or not your site is required to have an erosion and sediment control plan or a grading and drainage permit. For additional information, review the Central Oregon Stormwater Manual, Chapter 9 and the "ACWA Construction Site Stormwater Guide" (see Other Resources, below).



Other Resources:

ACWA Construction Guide

www.oracwa.org/documents/ACWASWSiteGuide0313w.pdf

Central Oregon Stormwater Manual, Chapter 9

<https://newcoic.files.wordpress.com/2012/09/2010rev-chapter-9-esc.pdf>

Bend Code Title 16.10, Clearing Grading, and Erosion Control on Construction Sites

<http://www.bend.or.us/Modules/ShowDocument.aspx?documentid=7216>

[See Sections 16.20 \(Illicit Discharge\); 16.10.20 \(Grading Permits\)](#)

Oregon DEQ 1200-C Permits

<http://www.deq.state.or.us/wq/stormwater/constappl.htm>

For additional information on permitting requirements contact the City of Bend Permit Center at 541-388-5570.

Fines & Penalties

Violating Bend Code Title 16 is a Class-A Civil Infraction, and could result in a maximum civil penalty of \$750.00 per day. Each day that a violation remains uncured in effect is a separate violation.

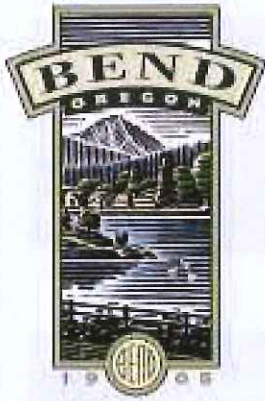


Accommodation Information for People with Disabilities

To obtain this information in an alternate format such as Braille, large print, electronic formats and audio cassette tape please contact Karen Morris at 541-693-2141 or email kmorris@bendoregon.gov.



UTILITY DEPARTMENT



January 17, 2012

ALL SITES ARE REQUIRED TO MEET THE MINIMUM PERFORMANCE STANDARDS:

ESC & Pollution Prevention

- Minimize tracking of sediment and debris onto roadways.
- Protect roadways, properties and stormwater facilities from sediment and debris.
- Properly wash out concrete trucks and equipment.
- Protect water bodies, streams and wetland from sediment and pollutants.
- Remove temporary BMPs after permanent controls have been established.

See Bend Code Title 16 (link on back) for additional minimum performance standards:

- 16.10.070 Clearing & Grading
- 16.10.090 Blasting
- 16.10.100 Tree Preservation
- 16.15.040 Post Construction

CITY OF BEND

Construction Site Pollution Prevention and Erosion and Sediment Control Fact Sheet

Why is Erosion & Sediment Control Needed?

The installation of erosion and sediment control (ESC) measures are used to reduce the amount and duration of soil exposed to erosion by wind, rain, runoff and vehicle tracking. If erosion and sediment controls on a construction site are not correctly installed and maintained properly, sediment laden runoff can reach storm drain facilities causing impacts to drywells, drill holes or the Deschutes River.

When is a Clearing, Grading Erosion Control Permit Required?

A permit is required for clearing and grading activities related to construction, demolition, and site development for improvements related to all land divisions, multi-family developments, and commercial, industrial, and institutional sites. Single-family and duplex site developments are exempt from the permit requirement (but not from the Performance Standards) unless one of the following activities is proposed:

- Excavation or fill exceeding two feet other than foundation areas of single-family or duplexes.
- Alteration to or creation of a slope exceeding 20 percent.
- An excavation or fill within two feet of the property line.
- Tree removal of trees more than eight inches DBH on properties greater than one acre.
- Any clearing and grading activity located entirely or partially on sensitive areas or within a designated Area of Special Interest or Waterway Overlay Zone as described in Bend Development Code Section 2.7.
- Any other site determined by the City to have conditions necessitating additional control measures on a site specific basis for the protection of health, safety, property, or water quality protection.

How to Apply for a Permit:

- Completed a permit application paper work.
- Pay fee in the amount set by Council Resolution.
- Submit a site plan and grading plan.
- Submit an erosion and sediment control plan prepared in accordance with the Central Oregon Stormwater Manual (see link on back).
- A soils and geological reconnaissance report may be required if the City determines that special circumstances warrant such information.

Pollution Prevention/Erosion Control Permit Considerations:

Before You Begin,	During Construction,	After the Job is Done,
Identify sensitive areas to protect.	Implement the ESCP.	Stabilize all disturbed soils.
Determine the drainage paths, slope steepness and direction of runoff.	Inspect and maintain the site regularly, request formal inspection by City as needed.	Replant or install new vegetation as described in the plan.
Develop an Erosion & Sediment Control Plan & Schedule (ESCP).	Coordinate ESCP updates with City.	Continue to monitor the site until all new vegetation has established.
Obtain all City, State and Federal Permits as needed.	Make repairs to BMPs promptly.	Remove and properly dispose of Temporary Erosion Controls after permanent controls have been established.
Locate temporary access point.	Cover or protect stored material including stockpiles, paints, and chemicals from rain.	Request Final Inspection by City.
Identify concrete washout areas if applicable.	Sweep up spills or tracked sediment using dry cleaning methods promptly.	
Hold a Preconstruction meeting with subcontractors to review ESCP.	Do not stock pile material in the Right of Way (ROW) including streets & sidewalks.	

Commonly Used Erosion and Sediment Pollution Preventions Measures

Construction Access

Purpose: A temporary construction entrance is a gravel pad located where vehicles leave a construction site. This rock pad is designed in such a way to allow vehicle tires to slightly sink into the rock. This helps to remove mud and debris from vehicle tires.

City Standard Drawing: R-27

Tips

- Locate Construction Entrance away from existing catch basins
- Limit the number of Access points
- Cover Trucks before they leave the site



Sediment Control

Purpose: Sediments from construction activity can find their way into the stormwater system through storm sewers, storm grates and storm inlets. This sediment can plug inlets, pipes, dry wells, drill holes, and may cause flooding or impact water quality in the Deschutes River. Sediment fences, waddles and compost filter berms can help capture and remove sediment from construction site runoff.

City Standard Drawing: E-1

Tips

- Install silt fence along lower edges of the project site
- Inspect and maintain sediment controls regularly
- Remove once permanent controls are established



Soil Stabilization

Purpose: Wind rain and snow combined with the removal of ground cover accelerates the process of erosion. Using hydro-seeding, applying a layer of straw, planting native grasses or installing jute matting can help stabilize soils and prevent sediment from being washed or blown off site.

City Standard Drawing: E-5 & E-6

Tips

- Phase construction operations to limit the amount of un-stabilized soil
- Stabilize disturbed soil as soon as possible after work is completed



Inlet Protection

Purpose: Storm drain inlet protection measures prevent soil and debris from entering storm drain inlets. These measures are temporary and should be implemented before a site is disturbed. Inlet protection is the last line of defense in protecting the stormwater system from sediment.

City Standard Drawing: E-2

Tips

- Routinely inspect and remove excess sediment regularly
- Place bulk material stockpiles away from catch basins and paved surfaces



Good Housekeeping

Purpose: Proper storage, maintenance, clean-up and disposal of materials and machinery can prevent pollutants from entering storm drainage facilities.

Tips

- Properly store paints and chemicals; clean up accidental spills safely and promptly.
- Sweep up sediment or debris tracked onto roadways; put litter in appropriate receptacles.
- Keep machinery properly maintained; use an oil pan when needed; repair leaks promptly.



**CITY OF BEND
COMMUNITY
DEVELOPMENT
DEPARTMENT
710 NW WALL ST
BEND, OREGON, 97701
541-388-5580**

Additional Links

City of Bend Code Title 16

<http://www.ci.bend.or.us/modules/showdocument.aspx?documentid=6732>

City of Bend Design Standards

www.ci.bend.or.us/modules/showdocument.aspx?documentid=2104

Central Oregon Stormwater Manual

www.coic.org/cd/stormwater/index.htm

Business and Home Best Management Practices

www.bendoregon.gov/index.aspx?page=298

Oregon Department of Environmental Quality

www.deq.state.or.us/wq/stormwater/escmanual.htm