

HAND DELIVERED

September 13, 2012

Ms. Mona Dougherty
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard
Santa Rosa, CA 95403

Subject: Updated Order No. R1-2009-0050, NPDES No. CA0025054, WDID No. 1B96074SSON, Non-Storm Water Best Management Plan (BMP)

Dear Ms. Dougherty:

The Sonoma County Water Agency (Water Agency) is submitting an updated Non-Storm Water BMPs for the North Coast Regional Water Quality Control Board (RWQCB) Executive Officer approval of non-storm water discharges as identified in Table 1 of Order No. R1-2009-0050, NPDES No. CA0025054 (Permit).

The table below summarizes the non-storm water discharges, as well as, those non-storm water discharges which the Water Agency is seeking/not-seeking coverage in the Permit. Two of the non-storm water discharges apply to the Water Agency; they are discharges from potable water sources and utility vault dewatering. The Water Agency seeks coverage for discharges from potable water sources and utility vault dewatering under this Permit. The Water Agency has prepared BMPs for discharges from potable water sources and utility vault dewatering.

The Water Agency will implement BMPs to prevent non-storm water discharges when all feasible alternatives to discharge of non-storm water flow have been considered and are not possible.

The following table summarizes Table 1 of the Permit.

Non-Storm Water Discharges		
No.	Type of Discharges:	Applicable/Non-Applicable to Water Agency Facilities
1	Stream diversions permitted by the State or Regional Water Board where such flows are intentionally diverted into the MS4.	Water Agency is not seeking coverage under this Permit.
2	Natural springs and rising ground water that are intentionally diverted into the MS4.	Water Agency is not seeking coverage under this Permit.
3	Uncontaminated ground water infiltration into structures [as defined by 40 CFR 35.2005(20)] ¹ (Utility vault dewatering requires a separate NPDES permit) where flows are diverted into the MS4.	Water Agency is not seeking coverage under this Permit.
4	Overflows from riparian habitats or wetlands where such flows are intentionally diverted into the MS4.	Water Agency is not seeking coverage under this Permit.

5	Flows from emergency fire fighting activity.	Water Agency is not seeking coverage under this Permit.
6	Flows from fire fighting training and equipment repair activities.	Water Agency is not seeking coverage under this Permit.
7	Fire hydrant testing.	Water Agency is not seeking coverage under this Permit.
8	Discharges from potable water sources.	BMP Plan can be seen in Attachment B
9	Utility vault dewatering.	BMP Plan can be seen in Attachment A
10	Gravity flow from foundation, footing and crawl drains.	Water Agency is not seeking coverage under this Permit.
11	Air conditioning condensate.	Water Agency is not seeking coverage under this Permit.
12	Water from crawl space pumps.	Water Agency is not seeking coverage under this Permit.
13	Reclaimed and potable landscape irrigation runoff.	Water Agency is not seeking coverage under this Permit.
14	Dechlorinated/ debrominated swimming pool discharges (see definitions).	Water Agency is not seeking coverage under this Permit.
15	Non-commercial car washing by residents or non-profit organizations.	Water Agency is not seeking coverage under this Permit.
16	Pooled storm water from treatment BMPs3 that are intentionally discharged to the MS4 as part of maintenance activities	Water Agency is not seeking coverage under this Permit.

If you have any questions regarding the BMPs, please give me a call at (707) 521-1865 or e-mail me at kevin.booker@scwa.ca.gov.

Sincerely,

Kevin Booker
Water Agency Principal Engineer

Attachment A

Non-Storm Water BMPs

For

Utility Vault Dewatering

Table 1 of Order No. R1-2009-0050, NPDES No. CA0025054 identifies various types of non-storm water discharges that are not allowed. Utility vault dewatering states:

Utility vault dewatering.	1. Shall comply with all conditions in the Executive Officer's authorization.	1. Segregation of flow to prevent introduction of pollutants.
	2. Coverage under Order No. 2006-0008-DWQ or as updated may be required.	2. Sediment removal through settling or filtration.
	3. No reasonable potential to discharge CTR pollutants.	

The Water Agency will implement the following BMPs for utility vaults dewatering:

1. Complete Vault Discharge Record Form, Section A (see Attachment B)
2. If water has no oil sheen and is clear fill out section B and proceed with the following steps:
 - a) Segregate the discharge to prevent the introduction of CTR pollutants, and discharge to landscape areas if possible so as to avoid flowing across paved surfaces or gutters where pollutants are present,
 - b) Sediment removal through settling or filtration within utility vault, if possible
 - c) Control flow rate of discharge to minimize erosion,
 - d) BMPs, such as sand bags, shall be utilized to prevent erosion and sediment transport, and
 - e) All sediment removed from discharge shall be collected and disposed of in an appropriate manner.
3. If water has oil sheen fill out section C
 - a) If Section C is filled out, water must be containerized and removed.

Attachment B

Vault Discharge Record Form

Sonoma County Water Agency Vault Discharge Record Form



Section A

Operator (name) _____ Date: _____
 Location _____ Weather Conditions: _____
 Sample Volume _____ Is there an Oil Sheen? Yes No
 SAP order number _____ If "Yes" Fill out C as well

Section B

Ranking

Visual inspection of Water Quality (1 being the highest 5 being the poorest)	5	4	3	2	1
Level of debris on surface, Do not count oil sheen. (5 highest, 1 lowest)	5	4	3	2	1
Level of Sediment at botom (5 Higest, 1 lowest)	5	4	3	2	1
Clarty of water (1 for very clear, 5 for very unclear)	5	4	3	2	1
Natural or rotten odor (5 potent smel, 1 for undetectable)	5	4	3	2	1
PCB Reading	_____				

Section C

Fill this section only if there is an oil sheen observed.

Level of oil sheen. (5 is highly contaminated, 1 lightly contaminated)	5	4	3	2	1
Level of discoloration (5 is highly discolored, 1 is not discolored)	5	4	3	2	1
Pressence of chemical odor (5 is highly noxious, 1 is not noticable)	5	4	3	2	1
Sample analysis order number:	_____				
Vacume truck order number	_____				

Section D

If water has no oil sheen and was clear (PCB<50ppm), water can be drained to storm drain. If water has no oil sheen but is cloudy (PCB>50ppm), water can be drained to vegetated terrain if possible. If water has oil sheen it must be containerized and romoved.

Attachment C

Non-Storm Water BMP

For

Discharges from Potable Water Sources

Table 1 of Order No. R1-2009-0050, NPDES No. CA0025054 identifies various types of non-storm water discharges that are not allowed. Discharges from potable water sources states:

Discharges from potable water sources.	1. Shall comply with all conditions in the Executive Officer's authorization.	1. Must be dechlorinated using aeration and/or other appropriate means including infiltration into the ground.
	2. Planned discharges from water lines and potable water sources shall be dechlorinated, pH adjusted if necessary, reoxygenated, and volumetrically and velocity controlled to prevent resuspension of sediments.	2. Sediment and solids removed from discharge through settling or filtration.
		3. Control flow rate of discharge to minimize erosion potential.
		4. BMPs such as sand bags shall be utilized to prevent erosion and sediment transport.
		5. All sediments shall be collected and disposed of in a legal and appropriate manner.

The Water Agency will implement the following BMPs for discharges from potable water sources:

1. Discharges must be dechlorinated using aeration and/or other appropriate means including infiltration into the ground,
2. Sediment and solids removed from discharge, if necessary, through settling or filtration,
3. Control flow rate of discharge to minimize erosion potential,
4. BMPs, such as sand bags, shall be utilized to prevent erosion and sediment transport, and
5. All sediment removed from discharge shall be collected and disposed of in a legal and appropriate manner.