

Department of Environmental Quality
Office of Compliance and Enforcement
700 NE Multnomah Street, Suite 600
Portland, OR 97232-4100
(503) 229-5696
FAX (503) 229-5100
TTY 711

October 19, 2018

CERTIFIED MAIL: 7016 0750 0000 3470 3609

Coast Wide Ready Mix Co. c/o Dennis Johnson, Registered Agent 10 Elm Ave. Tillamook, OR 97141

Re:

Notice of Civil Penalty Assessment and Order

Case No. WO/SW-NWR-2018-125

This letter is to inform you that the Oregon Department of Environmental Quality (DEQ) has issued you a civil penalty of \$34,790 for violating conditions of the National Pollutant Discharge Elimination System (NPDES) General Permit number 1200-A and for placing wastes in a location where they are likely to enter waters of the state at your Coast Wide Ready Mix facility located at 10 Elm Ave., in Tillamook, Oregon. Specifically you have been conducting your concrete block manufacturing in an area of your Facility that is exposed to stormwater and uncontained, resulting in the unmitigated discharge of stormwater contaminated with concrete and concrete residues to a catchbasin that discharges to the Hoquarten Slough.

In addition, you are being cited and penalized for failing to prevent the discharge of significant amounts of sediment from your site into other catchbasins and onto neighboring streets. Coast Wide Ready Mix has had coverage under the NPDES 1200-A permit since 2004. The permit requires you to implement housekeeping and other best management practices to control the movement of sediment at your site.

Lastly you are being cited and penalized, for violating the Permit's monitoring requirements. The monitoring you performed during the 2017-2018 monitoring was incomplete as you did not monitor at all your outfalls or discharge points. In addition, you violated the quality assurance and quality control requirements prescribed by the Clean Water Act and mandated in Schedule F of the Permit (the latter violation was cited without penalty). Violating the "QA/QC" procedures renders your data invalid. If you repeat this violation in the future you may be referred for additional formal enforcement.

DEQ issued this penalty because concrete is highly caustic and may alter the chemical makeup of waters of the state. In addition, sediment coming off your site has the potential to entrain concrete residue and other pollutants and, if not controlled, will provided a vehicle for those pollutants to discharge to waters of the state. Compliance with Oregon law and the conditions of your Permit is necessary in order to protect waters from pollutants caused by industrial facilities such as yours.

Included in Section IV of the attached Notice of Civil Penalty Assessment and Order (the Notice) is an order requiring you to eliminate exposure of the concrete block manufacturing area to stormwater and construct a berm or other containment to prevent the discharge of stormwater from this area. You must

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also submit a complete revision to the Stormwater Pollution Control Plan for the Facility that correctly identifies all the discharge points and where your stormwater monitoring will take place. You must submit documentation of your compliance efforts to Michael Kennedy at DEQ within 20 days of the Notice becoming final.

\$21,360 of the civil penalty represents the economic benefit you gained by failing to eliminate the exposure and discharges from the manufacturing area since DEQ first told you to do so in May 2017, and by avoiding costs associated with sweeping, catchbasin cleaning and inserts. If you complete these requirements, DEQ will consider recalculating some of the costs as delayed rather than avoided and will reduce the civil penalty accordingly.

If you wish to appeal this matter, DEQ must receive a request for a hearing within 20 calendar days from your receipt of this letter. The hearing request must be in writing. Send your request to DEQ Office of Compliance and Enforcement:

Via mail – 700 NE Multnomah Street, Suite 600, Portland, Oregon 97232

Via email – DEQappeals@deq.state.or.us

Via fax - 503-229-5100

Once DEQ receives your request, we will arrange to meet with you to discuss this matter. If DEQ does not receive a timely written hearing request, the penalty will become due. Alternatively, you can pay the penalty by sending a check or money order to the above address.

The attached Notice further details DEQ's reasons for issuing the penalty and provides further instructions for appealing the penalty. Please review and refer to it when discussing this case with DEQ.

DEQ may allow you to resolve part of your penalty through the completion of a Supplemental Environmental Project (SEP). SEPs are environmental improvement projects that you sponsor instead of paying a penalty. Further information is available by calling the number below or at http://www.oregon.gov/deq/Regulations/Pages/SEP.aspx.

DEQ's rules are available at http://www.oregon.gov/deq/Regulations/Pages/Statutes.aspx or by calling the number below.

If you have any questions, please contact Courtney Brown at 503-229-6839 or toll free in Oregon at 800-452-4011, extension 6839.

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Sincerely,

Kieran O'Donnell, Manager

Office of Compliance and Enforcement

Enclosures

cc: Michael Kennedy, Northwest Region

Julie Cheney, Accounting, DEQ

John Koestler, WQ, DEQ

1	BEFORE THE ENVIRONMENTAL QUALITY COMMISSION
2	OF THE STATE OF OREGON
3	IN THE MATTER OF: COAST WIDE READY MIX CO., an Oregon corporation, Respondent.) NOTICE OF CIVIL PENALTY ASSESSMENT AND ORDER CASE NO. WQ/SW-NWR-2018-125
5 6	I. AUTHORITY
7	The Department of Environmental Quality (DEQ) issues this Notice of Civil Penalty Assessment
8	and Order (Notice) pursuant to Oregon Revised Statutes (ORS) 468.100, ORS 468.126 through 468.140,
9	ORS 468B, ORS Chapter 183 and Oregon Administrative Rules (OAR) Chapter 340, Divisions 011, 012,
10	and 045.
11	II. FINDINGS OF FACT
12	1. Respondent operates a facility engaging in industrial activities under the Standard Industria
13	Classification Code 3273 located at 10 Elm Avenue in Tillamook, Oregon (the "Facility").
14	2. Respondent's Facility was registered under the National Pollutant Discharge Elimination
15	System General Permit number 1200-A (the "Permit") on April 8, 2004. Respondent's registration
16	under the Permit was renewed on May 3, 2013.
17	3. Schedule A, condition 1.b.i of the Permit states, in relevant part, that permit registrants mus
18	cover manufacturing areas to prevent exposure of stormwater to potential pollutants.
19	4. Schedule A, condition 1.b.ii of the Permit states, in relevant part, that permit registrants
20	must use grading, berming or curbing to divert stormwater away from manufacturing areas and preven
21	stormwater contamination.
22	5. On or about May 5, 2017, DEQ conducted an inspection of the Facility. During the
23	inspection DEQ observed the concrete block fabrication area of the Facility was uncovered, exposing
24	the concrete block manufacturing process and the materials used in that process to stormwater. In
25	addition, there was no berm or curb to contain process wastewater or stormwater discharging from that
26	area. DEQ observed a trail of milky cloudy concrete residue from the fabrication area to a catch basin

that discharges to Hoquarten Slough.

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- 6. On or about May 25, 2017, DEQ sent Respondent a Warning Letter with Opportunity to Correct informing Respondent that the concrete block fabrication area must "be covered or otherwise segregated to prevent exposure to stormwater to potential pollutants" and to "prevent discharges from entering the adjacent catch basin."
- 7. On or about July 25, 2018, DEQ conducted an inspection of the Facility. During the inspection DEQ observed the concrete block fabrication area was uncovered exposing the concrete block manufacturing process and the materials involved in that process to stormwater. In addition, there was no berm or curb to contain process wastewater or stormwater discharging from that area. DEQ observed a trail of milky, cloudy concrete residue from the fabrication area to a catch basin that discharges to Hoquarten Slough.
- 8. Schedule A, condition 6.a of the Permit states, in relevant part, that permit registrants must prevent the discharge of significant amounts of sediment to conveyance systems leading to surface waters. Conditions that describe significant amounts of sediment include: deposits of sediment at the site in areas that drain to unprotected stormwater inlets or catchbasins that discharge to surface waters, inlets and catchbasins with failing sediment controls due to lack of maintenance, and deposits of sediment from the site on any property including public and private streets outside of the permitted site.
- 9. During the July 25, 2018 inspection DEQ observed track-out from the Facility onto Front and 1st streets and to catchbasins that were dirty and clogged with sediment. Respondent told DEQ that it did not sweep paved areas of its Facility.
- 10. During the July 25, 2018, inspection DEQ observed a person washing out a concrete truck using detergent and hosing down concrete laden track-out from the Facility into a catchbasin in the northeast corner of the property that discharges to the Hoquarten Slough.
- 11. Schedule B, condition 1.a and 2.e of the Permit require permit registrants to monitor stormwater associated with industrial activity for the benchmarks identified in the Permit four times per year.

NOTICE OF CIVIL PENALTY ASSESSMENT AND ORDER

- 12. Schedule F, Section C, paragraph 3 of the Permit requires that monitoring be conducted according to test procedures approved under 40 C.F.R. §136.
- 13. Schedule B, condition 2.c of the Permit requires permit registrants to monitor each discharge point unless the discharge point has effluent that is substantially similar to the effluent of a monitored discharge point. The determination of substantial similarity of effluents must be based on past monitoring data or an analysis supporting that the discharge points are substantially similar. The supporting data or analysis must be included in the Stormwater Pollution Control Plan (SWPCP).
- 14. During the July 25, 2018, inspection DEQ observed at least seven (7) catchbasins, possible discharge points, at the Facility that serve an area with exposure of stormwater to industrial activities.
- 15. According to Respondent's Discharge Monitoring Report (DMR) for the 2017-2018 monitoring year, submitted to DEQ on July 26, 2018, it only monitored stormwater from two (2) discharge points.
- 16. Respondent's SWPCP does not include any supporting data or analysis showing that the seven catchbasins at the Facility are substantially similar to the two discharge points that it monitors.
- 17. According to Respondent's DMR all eight (8) of the pH samples analyzed during the 2017-2018 monitoring year exceeded the hold times before they were analyzed and none of the samples had been stored on ice or cooled to <6°C.

III. CONCLUSIONS

1. On or about May 5, 2017, through the present, Respondent has violated ORS 468B.025(1)(a) by placing wastes in a location where they are likely to enter waters of the state by any means. Specifically, Respondent manufactures concrete blocks in a location of the Facility that is not contained and is exposed to stormwater, and that is not graded, bermed or curbed, resulting in the discharge of concrete laden stormwater, and concrete residue from the Facility to a catchbasin that drains to the Hoquarten Slough. Concrete laden stormwater and concrete residue that result from Respondent's concrete block fabrication are industrial wastes that are caustic and may alter the chemical properties of waters of the state and are considered "wastes" pursuant to ORS 468B.005(10).

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Hoquarten Slough is a "waters of the state," according to ORS 468B.005(10). This is a Class II violation, according to OAR 340-012-0055(2)(c). DEQ hereby assesses a \$10,144 civil penalty for this violation.

- 2. On or about July 25, 2018, Respondent has violated Schedule A, condition 6.a of the Permit and ORS 468B.025(2) by failing to prevent the discharge of significant amounts of sediment from the Facility. Specifically, there was residue and sediment in and around catchbasins at the Facility that were either unprotected or clogged and needing maintenance and significant amount of track out was observed leading from the Facility to adjacent streets. This is a Class II violation according to OAR 340-012-0053(2). DEQ hereby assesses a \$15,616 civil penalty for this violation.
- 3. On or before July 26, 2018, Respondent violated ORS 468B.025(2) by violating Schedule B, condition 2.c of the Permit by failing to monitor each discharge point at the Facility. Specifically, the Facility has seven catchbasins that are likely discharge points and that are not monitored. The SWPCP doesn't include a determination, or any information to support a determination, that the seven catchbasins are substantially similar to the two discharge points at which Respondent performs its monitoring. This is a Class I violation according to OAR 340-012-0055(1)(o). DEQ hereby assesses a \$9,030 civil penalty for this violation.
- 4. On or about July 25, 2018, Respondent violated ORS 468B.025(1)(a) by placing wastes in a location where they are likely to enter waters of the state by any means. Specifically, Respondent allowed concrete trucks to be washed at the Facility where the detergent and concrete laden washwater entered a catchbasin that discharges to Hoquarten Slough, waters of the state. This is a Class II violation according to OAR 340-0055(2)(c). DEQ has not assessed a civil penalty for this violation.
- 5. On or before July 26, 2018, Respondent violated ORS 468B.025(2) by violating Schedule B, condition 1.a of the Permit by failing to monitor for pH. Specifically, the samples collected during the 2017-2018 monitoring year were analyzed for pH after the 15 minute hold time mandated in Schedule F, Section C, paragraph 3, rendering those samples invalid. These are Class I violations according to OAR 340-012-0055(1)(o). DEQ has not assessed a civil penalty for this violation.

Based upon the foregoing FINDINGS OF FACTS AND CONCLUSIONS, Respondent is hereby ORDERED TO:

1. Pay a total civil penalty of \$34,790. The determinations of the civil penalties are attached as Exhibits No.1, No.2, and No.3 and are incorporated as part of this Notice.

If you do not file a request for hearing as set forth in Section V below, your check or money order must be made payable to "State Treasurer, State of Oregon" and sent to the DEQ, Business Office, 700 NE Multnomah Street, Suite 600, Portland, Oregon 97232. Once you pay the penalty, the Findings of Fact, Conclusions and Order become final.

- 2. Eliminate exposure of the concrete block manufacturing area to stormwater and construct a berm or other containment to prevent the discharge of stormwater from this area to the adjacent catchbasin.
- 3. Submit a revised SWPCP that complies with the Permit to DEQ for approval. Specifically, the plan must correctly identify all discharge points from the Facility and where monitoring will be conducted.
- 4. Within 20 days of this order becoming final by operation of law or on appeal, written documentation demonstrating Respondent's compliance must be sent to: DEQ, attn.: Michael Kennedy, 700 NE Multnomah Ave., Portland, OR 97232.

V. NOTICE OF RIGHT TO REQUEST A CONTESTED CASE HEARING

You have a right to a contested case hearing on this Notice, if you request one in writing. DEQ must receive your request for hearing within 20 calendar days from the date you receive this Notice. If you have any affirmative defenses or wish to dispute any allegations of fact in this Notice or attached exhibits, you must do so in your request for hearing, as factual matters not denied will be considered admitted, and failure to raise a defense will be a waiver of the defense. (See OAR 340-011-0530 for further information about requests for hearing.) You must send your request to: **DEQ**, **Office of**Compliance and Enforcement, 700 NE Multnomah Street, Suite 600, Portland, Oregon 97232, fax it to 503-229-5100 or email it to **DEQappeals@deq.state.or.us**. An administrative law judge

employed by the Office of Administrative Hearings will conduct the hearing, according to ORS 1 2 Chapter 183, OAR Chapter 340, Division 011 and OAR 137-003-0501 to 0700. You have a right to be 3 represented by an attorney at the hearing, however you are not required to be. If you are an individual, 4 you may represent yourself. If you are a corporation, partnership, limited liability company, 5 unincorporated association, trust or government body, you must be represented by an attorney or a duly 6 authorized representative, as set forth in OAR 137-003-0555. 7 Active duty service-members have a right to stay proceedings under the federal Service 8 Members Civil Relief Act. For more information, please call the Oregon State Bar at 1-800-9 452-8260 or the Oregon Military Department at 1-800-452-7500. Additional information can be found online at the United States Armed Forces Legal Assistance (AFLA) Legal Services Locator website 10 11 http://legalassistance.law.af.mil/content/locator.php. 12 If you fail to file a timely request for hearing, the Notice will become a final order by default without further action by DEQ, as per OAR 340-011-0535(1). If you do request a hearing but later 13 withdraw your request, fail to attend the hearing or notify DEQ that you will not be attending the 14 hearing, DEO will issue a final order by default pursuant to OAR 340-011-0535(3). DEQ designates 15 16 the relevant portions of its files, including information submitted by you, as the record for purposes of 17 proving a prima facie case. 18 19 20 21 Kieran O'Donnell, Manager Date 22 Office of Compliance and Enforcement 23 24

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EXHIBIT No.1

FINDINGS AND DETERMINATION OF RESPONDENT'S CIVIL PENALTY PURSUANT TO OREGON ADMINISTRATIVE RULE (OAR) 340-012-0045

VIOLATION No.1: Placing wastes in a location where they are likely to enter waters of

the state by any means in violation of ORS 468B.025(1)(a).

Specifically, placing concrete washwater and residue that result from the concrete block manufacturing process in an area that drains to a

catchbasin that drains to the Hoquarten Slough.

CLASSIFICATION: This is a Class II violation pursuant to OAR 340-012-0055(2)(c).

MAGNITUDE: The magnitude of the violation is moderate pursuant to OAR 340-

012-0130(1), as there is no selected magnitude specified in OAR 340-012-0135 applicable to this violation, and the information reasonably available to DEQ does not indicate a minor or major

magnitude.

CIVIL PENALTY FORMULA: The formula for determining the amount of penalty of each violation is: $BP + [(0.1 \times BP) \times (P + H + O + M + C)] + EB$

"BP" is the base penalty, which is \$2,000 for a Class II, moderate magnitude violation in the matrix listed in OAR 340-012-0140(3)(b)(B)(ii) and applicable pursuant to OAR 340-012-0140(3)(a)(E)(iii).

"P" is whether Respondent has any prior significant actions, as defined in OAR 340-012-0030(19), in the same media as the violation at issue that occurred at a facility owned or operated by the same Respondent, and receives a value of 0 according to OAR 340-012-0145(2)(a). Respondent has 3 Class I violations in case no. WQ/SW-NWR-09-028 for an initial value of 4. However, according to OAR 340-012-0145(2)(d)(A)(ii), this amount is reduced by 4 because the formal enforcement action in which the prior significant actions were cited was issued more than five years before the date the current violation occurred, bringing the total value of P to 0.

"H" is Respondent's history of correcting prior significant actions, and receives a value of 0 according to OAR 340-012-0145(3)(c) because there is insufficient information on which to base a finding under paragraphs (3)(a) or (b).

"O" is whether the violation was repeated or ongoing, and receives a value of 4 according to OAR 340-012-0145(4)(d) because there were more than 28 occurrences of the violation. Each day of violation constitutes a separate occurrence. The violation was first observed by DEQ on May 5, 2017. Despite DEQ asking for the violation to be corrected after the May 5, 2017, inspection, DEQ again observed the violation on July 25, 2018. Therefore, the violation occurred for more than 28 days.

- "M" is the mental state of the Respondent, and receives a value of 8 according to OAR 340-012-0145(5)(d) because Respondent acted or failed to act intentionally with actual knowledge of the requirement. DEQ informed Respondent in a Warning Letter dated May 22, 2017, subsequent to the May 5, 2017, inspection that it needed to enclose the cement block manufacturing area to prevent its exposure to stormwater and that it needed to contain contaminated stormwater runoff so as to protect adjacent catchbasins from contaminated stormwater runoff from that area. Respondent failed to take any of DEQ's requested corrective action.
- "C" is Respondent's efforts to correct or mitigate the violation, and receives a value of 0 according to OAR 340-012-0145(6)(f) because there is insufficient information to make a finding under paragraphs (6)(a) through (6)(e), or (6)(g).
- "EB" is the approximate dollar value of the benefit gained and the costs avoided or delayed as a result of the Respondent's noncompliance. It is designed to "level the playing field" by taking away any economic advantage the entity gained and to deter potential violators from deciding it is cheaper to violate and pay the penalty than to pay the costs of compliance. In this case, "EB" receives a value of \$5,744. This is the amount Respondent gained by avoiding spending an estimated \$8,142 on a canopy, \$648 on 24 hours of labor and \$95 on building materials to install a canopy and containment berm at the Facility. This "EB" was calculated pursuant to OAR 340-012-0150(1) using the U.S. Environmental Protection Agency's BEN computer model.

<u>PENALTY CALCULATION</u>: Penalty = BP + $[(0.1 \times BP) \times (P + H + O + M + C)] + EB$ = $$2,000 + [(0.1 \times $2,000) \times (0 + 0 + 4 + 8 + 0)] + $5,744$

- = \$2,000 + (\$200 x 12) + \$5,744
- = \$2,000 + \$2,400 + \$5,744
- = \$10,144

EXHIBIT No.2

FINDINGS AND DETERMINATION OF RESPONDENT'S CIVIL PENALTY PURSUANT TO OREGON ADMINISTRATIVE RULE (OAR) 340-012-0045

VIOLATION No.2: Violating Schedule A, condition 6.a of the Permit and ORS

468B.025(2) by failing to prevent the discharge of significant amounts of sediment from the Facility as a result of unprotected or

clogged catch basins and track-out.

<u>CLASSIFICATION</u>: This is a Class II violation pursuant to OAR 340-012-0053(2).

MAGNITUDE: The magnitude of the violation is moderate pursuant to OAR 340-

012-0130(1), as there is no selected magnitude specified in OAR 340-012-0135 applicable to this violation, and the information reasonably available to DEQ does not indicate a minor or major

magnitude.

Under OAR-012-0150(4), the Department elects to assess only the economic benefit Respondent gained through noncompliance and not a gravity-based civil penalty.

"EB" is the approximate dollar value of the benefit gained and the costs avoided or delayed as a result of the Respondent's noncompliance. It is designed to "level the playing field" by taking away any economic advantage the entity gained and to deter potential violators from deciding it is cheaper to violate and pay the penalty than to pay the costs of compliance. In this case, "EB" receives a value of \$15,616. This is the amount Respondent gained by avoiding spending an estimated \$19,440 on sweeping twice a week since May 5, 2017, \$1,800 on catchbasin cleaning, and \$2,912 on catchbasin inserts at the Facility. This "EB" was calculated pursuant to OAR 340-012-0150(1) using the U.S. Environmental Protection Agency's BEN computer model.

PENALTY CALCULATION:

Penalty = BP + $[(0.1 \times BP) \times (P + H + O + M + C)]$ + EB = $\$0 + [(0.1 \times \$0) \times (0 + 0 + 0 + 0 + 0)]$ + \$15,616= $\$0 + [(\$0) \times (0)]$ + \$15,616= \$15,616

EXHIBIT No.3

FINDINGS AND DETERMINATION OF RESPONDENT'S CIVIL PENALTY PURSUANT TO OREGON ADMINISTRATIVE RULE (OAR) 340-012-0045

VIOLATION No.3:

Violating ORS 468B.025(2) by violating Schedule B, condition 2.c

of the Permit by failing to monitor at each discharge point at the

Facility during the 2017-2018 monitoring years.

CLASSIFICATION:

This is a Class I violation pursuant to OAR 340-012-0055(1)(o).

MAGNITUDE:

The magnitude of the violation is moderate pursuant to OAR 340-012-0130(1), as there is no selected magnitude specified in OAR 340-012-0135 applicable to this violation, and the information reasonably available to DEQ does not indicate a minor or major

magnitude.

CIVIL PENALTY FORMULA:

The formula for determining the amount of penalty of each violation is: $BP + [(0.1 \times BP) \times (P + H + O + M + C)] + EB$

- "BP" is the base penalty, which is \$4,000 for a Class I, moderate magnitude violation in the matrix listed in OAR 340-012-0140 (3)(b)(A)(ii) and applicable pursuant to OAR 340-012-0140 (3)(a)(E)(iii) because Respondent coverage under an NPDES General Permit.
- "P" is whether Respondent has any prior significant actions, as defined in OAR 340-012-0030(19), in the same media as the violation at issue that occurred at a facility owned or operated by the same Respondent, and receives a value of 0 according to OAR 340-012-0145(2)(a). Respondent has 3 Class I violations in case no. WQ/SW-NWR-09-028 for an initial value of 4. However, according to OAR 340-012-0145(2)(d)(A)(ii), this amount is reduced by 4 because the formal enforcement action in which the prior significant actions were cited was issued more than five years before the date the current violation occurred, bringing the total value of P to 0.
- "H" is Respondent's history of correcting prior significant actions, and receives a value of 0 according to OAR 340-012-0145(3)(c) because there is insufficient information on which to base a finding under paragraphs (3)(a) or (b).
- "O" is whether the violation was repeated or ongoing, and receives a value of 3 according to OAR 340-012-0145(4)(c) because there were from seven to 28 occurrences of the violation. Respondent failed to perform grab sample monitoring of benchmark pollutants four times at 5 outfalls for a total of twenty missed occurrences.
- "M" is the mental state of the Respondent, and receives a value of 8 according to OAR 340-012-0145(5)(d) because Respondent acted or failed to act intentionally with actual knowledge of the requirement. DEQ informed Respondent in a Warning Letter dated May 22, 2017 subsequent to the May 5, 2017 inspection that the permit requires registrants to monitor each

outfall and that only 2 of the potential outfalls were being monitored. Respondent failed to take any of DEQ's requested corrective action and monitor at its discharge points or provide justification for why no monitoring was needed.

- "C" is Respondent's efforts to correct or mitigate the violation, and receives a value of 0 according to OAR 340-012-0145(6)(f) because there is insufficient information to make a finding under paragraphs (6)(a) through (6)(e), or (6)(g).
- "EB" is the approximate dollar value of the benefit gained and the costs avoided or delayed as a result of the Respondent's noncompliance. It is designed to "level the playing field" by taking away any economic advantage the entity gained and to deter potential violators from deciding it is cheaper to violate and pay the penalty than to pay the costs of compliance. In this case, "EB" receives a value of \$630. This is the amount Respondent gained by failing to spend an estimated \$210 to perform grab sampling and analysis of four samples (for a total of \$840) by the end of the monitoring year.

 $\underline{PENALTY\ CALCULATION} \colon\ Penalty = BP + [(0.1\ x\ BP)\ x\ (P + H + O + M + C)] + EB$

- $= $4,000 + [(0.1 \times $4,000) \times (0 + 0 + 3 + 8 + 0)] + 630
- $= \$4,000 + (\$400 \times 11) + \$630$
- = \$4,000 + \$4,400 + \$630
- =\$9,030