

ATTACHMENT C

Contents of A Nutrient Management Plan And Technical Standards For Nutrient Management For GENERAL WASTE DISCHARGE REQUIREMENTS AND GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR EXISTING MILK COW DAIRY CONCENTRATED ANIMAL FEEDING OPERATIONS WITHIN THE CENTRAL VALLEY REGION

General Waste Discharge Requirements and General NPDES Permit for Existing Milk Cow Dairy Concentrated Animal Feeding Operations within the Central Valley Region (Order) requires owners and operators of existing milk cow dairies (Dischargers) who apply manure, bedding, or process wastewater to land for nutrient recycling to implement management practices that control nutrient losses and that are described in a Nutrient Management Plan (NMP). The purpose of the NMP is to budget and manage the nutrients applied to the land application area(s) considering all sources of nutrients, crop requirements, soil types, climate, and local conditions in order to prevent adverse impacts to surface water and groundwater quality. The NMP must take the site-specific conditions into consideration in identifying steps that will minimize nutrient movement through surface runoff or leaching past the root zone.

The NMP must contain, at a minimum, all of the elements listed below under Contents of a Nutrient Management Plan and must be in conformance with the applicable Technical Standards for Nutrient Management (Technical Standards), also listed below. The application rates required by the Technical Standards implement the Narrative Rate Approach required by 40 CFR § 122.42(e)(5)(ii). The Narrative Rate Approach expresses a narrative rate of application that results in the amount, in tons or gallons, of manure and process wastewater to be land applied. Information is required for each crop, field, and year covered by the NMP. Provisions in the NMP are incorporated into the Site Specific Order pursuant to section H 6 b of the Order.

Note that the NMP must be updated in response to changing conditions, monitoring results and other factors and that the Discharger may not implement the updated NMP until it receives notification from the Executive Officer, as described below and in the Standard Provisions and Reporting Requirements. When a Discharger proposes changes to the NMP previously submitted to the Board, the Discharger must provide the Board with the most current version of the NMP and identify changes from the previous version. The annual calculations of application rates for manure and process wastewater are not considered to be changes. The Executive Officer will review the revised NMP to ensure that it meets the requirements of this section and applicable effluent limitations and

standards. The Executive Officer will notify the Discharger if it determines that the changes to the NMP do not necessitate revision to the Discharger's Site Specific Order. If the Executive Officer determines that the changes necessitate revision to the Site Specific Order, the Executive Officer must determine whether such changes are substantial. Substantial changes to the Site Specific Order are listed in the Standard Provisions and Reporting Requirements, section C. 11. Substantial changes will require submittal of a new NMP, development of a new Site Specific Order, public notice, and Board consideration of adoption of the revised Site Specific Permit. A list of items that constitute substantial changes to the Site Specific Order is given in the Standard Provisions and Reporting Requirements, Section C.11.

A specialist who is certified in developing nutrient management plans shall develop the NMP. A certified specialist is a Professional Soil Scientist, Professional Agronomist, or Crop Advisor certified by the American Society of Agronomy or a Technical Service Provider certified in nutrient management in California by the Natural Resources Conservation Service (NRCS). The Executive Officer may approve alternative proposed specialists. Only NMPs prepared and signed by these parties will be considered certified.

The NMP is linked to other sections of this Order. The Monitoring and Reporting Program specifies minimum amounts of monitoring that must be conducted at the dairy. As indicated below, this information must be used to make management decisions related to nutrient management. Likewise, the timing and amounts of wastewater applications to crops must be known to correctly calculate the amount of storage needed in holding ponds.

Wastes and land application areas shall be managed to prevent contamination of crops grown for human consumption. The term "crops grown for human consumption" refers only to crops that will not undergo subsequent processing which adequately removes potential microbial danger to consumers.

Contents of a Nutrient Management Plan

Dairy Facility Assessment

The NMP shall identify the name and address of the dairy, the dairy operator, and legal owner of the dairy property as reported in the Notice of Intent and shall contain all of the following elements to demonstrate that the Discharger can control nutrient losses that may impact surface water or groundwater quality and comply with the requirements of the Order and the Technical Standards for Nutrient Management (Technical Standards).

I. Land Application Area Information

- A. Identify each land application area (under the Discharger's control, whether it is owned, rented, or leased, to which manure or process wastewater from the production area is or may be applied for nutrient recycling) on a single published base map (topographic map or aerial photo) at an appropriate scale which includes:
 1. A field identification system (Assessor's Parcel Number; land application area by name or number; total acreage of each land application area; planned crop rotation for each field for the period of permit coverage; indication if each land application area is owned, rented, or leased by the Discharger; indication what type of waste is applied (solid manure only, wastewater only, or both solid manure and wastewater); drainage flow direction in each field, nearby surface waters, and storm water discharge points; tailwater and storm water drainage controls; subsurface (tile) drainage systems (including discharge points and lateral extent); irrigation supply wells and groundwater monitoring wells; sampling locations for discharges of storm water and tailwater to surface water from the field; and
 2. Process wastewater conveyance structures, discharge points and discharge mixing points with irrigation water supplies; pumping facilities; flow meter locations; drainage ditches and canals, culverts, drainage controls (berms, levees, etc.), and drainage easements.
- B. Provide the following information for land application areas identified in I.A above:
 1. Field's common name (name used when keeping records of waste applications).
 2. Assessor's Parcel Number.
 3. Total acreage.
 4. Crops grown and crop rotation.
 5. Information on who owns and/or leases the field.
 6. Proposed sampling locations for discharges of storm water and tailwater to surface water.

- C. Provide copies of written agreements with third parties that receive process wastewater for their own use from the Discharger's dairy (Technical Standards V.A.1 and V.A.3 below).
- D. Identify each field under the control of the Discharger and within five miles of the dairy where neither process wastewater nor manure is applied. Each field shall be identified on a single published base map at an appropriate scale by the following:
 - 1. Assessor's Parcel Number.
 - 2. Total acreage.
 - 3. Information on who owns or leases the field.

Note: The Central Valley Water Board must issue a Site Specific Order for the waste before it is applied to the lands identified in Section D.

II. Sampling and Analysis (see Technical Standard I below)

Identify the sampling methods, sampling frequency, and analyses to be conducted for soil, manure, process wastewater, irrigation water, and plant tissue analysis (Technical Standard I below).

III. Nutrient Budget (see Technical Standard V below)

The Discharger shall develop a nutrient budget for each land application area. The nutrient budget shall establish planned rates of nutrient applications for each crop based on soil test results, manure and process wastewater analyses, irrigation water analyses, crop nutrient requirements and patterns, seasonal and climatic conditions, the use and timing of irrigation water, and the nutrient application restrictions listed in Technical Standards V.A through V.D below. The Nutrient Budget shall include the following:

- A. The rate of application of manure and process wastewater for each crop in each land application area (also considering sources of nutrients other than manure or process wastewater) to meet each crop's needs without exceeding the application rates specified in Technical Standard V.B below. The basis for the application rates must be provided.
- B. The timing of applications for each crop in each land application area and the basis for the timing (Technical Standard V.C below). The

maximum period of time anticipated between land application events (storage period) based on proper timing and compliance with Technical Standard V.C. below. This will be used in the Waste Management Plan (item II.A of Attachment B) to determine the storage capacity needs.

- C. The method of manure and process wastewater application for each crop in each land application area (Technical Standard V.D below).
 - D. If phosphorus and/or potassium applications exceed the amount of these elements removed from the land application area in the harvested portion of the crop, the soil and crop tissue analyses shall be reviewed by an agronomist at least every five years. If this review determines that the buildup of phosphorus or potassium threatens to reduce the long-term productivity of the soil or the yield, quality or use of the crops grown, application rates will be adjusted downward to prevent or correct the problem.
- IV. Setbacks, Buffers, and Other Alternatives to Protect Surface Water (see Technical Standard VII below)
- A. Identify all potential surface waters or conduits to surface water that are within 100 feet of any land application area.
 - B. For each land application area that is within 100 feet of a surface water or a conduit to surface water, identify the setback, vegetated buffer, or other alternative practice that will be implemented to protect surface water (Technical Standard VII below).
- V. Field Risk Assessment (see Technical Standard VIII below)
- Evaluate the effectiveness of management practices used to control the discharge of waste constituents from land application areas by assessing the water quality monitoring results of discharges of manure, process wastewater, tailwater, subsurface (tile) drainage, or storm water from the land application areas.
- VI. Record-Keeping (see Technical Standard IX below)
- Identify the records that will be maintained for each land application area identified in I.A above.
- VII. Nutrient Management Plan Review (see Technical Standard X below)
- A. Identify the schedule for review and revisions to the NMP.

- B. Identify the person who will conduct the NMP review and revisions.

VIII. Other Limitations

- A. Process wastewater discharges from outside the production area, including washdown of equipment that has been in contact with manure, raw materials, products or byproducts that occurs outside of the production area; runoff of pollutants from raw materials, products or byproducts (such as manure, bedding, and feed) from the facility that have been spilled or otherwise deposited outside the production area that have the potential to contribute pollutants to waters of the United States shall be identified, along with control measures necessary to meet applicable water quality standards.
- B. Discharges that do not meet the definition of waste as used in this Order, including: discharges associated with feed, fuel, chemical, or oil spills, equipment repair, and equipment cleaning where the equipment has not been in contact with manure, raw materials, products or byproducts; domestic wastewater discharges; and which have potential to contribute pollutants to waters of the United States or to groundwater shall be identified in the NMP together with measures necessary to meet applicable water quality standards.

Technical Standards for Nutrient Management

The Discharger shall comply with the following Technical Standards for Nutrient Management in the development and implementation of the Nutrient Management Plan (NMP).

I. Sampling and Analysis

Soil, manure, process wastewater, irrigation water, and plant tissue shall be monitored, sampled, and analyzed as required in the Monitoring and Reporting Program (Attachment D), and any future revisions thereto. The results of these analyses shall be used during the implementation of the NMP.

II. Crop Requirements

- A. Realistic yield goals for each crop in each land application area shall be established. For new crops or varieties, industry yield recommendations may be used until documented yield information is available.
- B. Each crop's nutrient requirements for nitrogen, phosphorus, and potassium shall be determined based on recommendations from the University of California, *Western Fertilizer Handbook* (9th Edition), or from historic crop nutrient removal.

III. Available Nutrients

- A. All sources of nutrients (nitrogen, phosphorus, and potassium) available for each crop in each land application area shall be identified prior to land applications. Potential nutrient sources include, but are not limited to, manure, process wastewater, irrigation water, commercial fertilizers, soil, and previous crops.
- B. Nutrient values of soil, manure, process wastewater, and irrigation water shall be determined based on laboratory analysis. "Book values" for manure and process wastewater may be used for planning of waste applications during the first two years during initial development of the NMP if necessary. Acceptable book values are those values recognized by American Society of Agricultural and Biological Engineers (ASABE), the Natural Resources Conservation Service (NRCS), and/or the University of California that accurately estimate the nutrient content of the material. The nutrient content of commercial fertilizers shall be derived from California Department of Food and Agriculture published values.

- C. Nutrient credit from previous legume crops shall be determined by methods acceptable to the University of California Cooperative Extension, the NRCS, or a specialist certified in developing nutrient management plans.

IV. Overall Nutrient Balance

If the NMP shows that the nutrients generated by the dairy exceed the amount needed for crop production in the land application area, the Discharger must implement management practices (such as offsite removal of the excess nutrients, treatment, or storage) that will prevent impacts to surface water or groundwater quality due to excess nutrients.

V. Nutrient Budget

The NMP shall include a nutrient budget which includes planned rates of nutrient applications for each crop that do not exceed the crop's requirements for total nitrogen considering the stage of crop growth and that also considers all nutrient sources, climatic conditions, the irrigation schedule, and the application limitations in A through D below.

A. General Standards for Nutrient Applications

1. Prohibition A.7 of the Order: *"The application of waste to lands not owned, leased, or controlled by the Discharger without written permission from the landowner or in a manner not approved by the Executive Officer, is prohibited."*
2. Prohibition A.8 of the Order: *"The land application of manure or process wastewater to cropland for other than nutrient recycling is prohibited."*
3. Land Application Specification D.2 of the Order: *"The Discharger shall have a written agreement with each third party that receives process wastewater from the Discharger for its own use. The written agreement shall be provided as part of the first Annual Report prepared pursuant to this order. If the written agreement is modified or cancelled, or if additional written agreements are made, the updated agreements or information shall be included in the first Annual Report submitted subsequent to the change(s). The written agreement(s) shall be effective until the third party is covered under waste discharge requirements or a waiver of waste discharge requirements that are adopted by the Central Valley Water Board. The written agreement shall:*

- a. *Clearly identify:*
 - i. *The Discharger and dairy facility from which the process wastewater originates;*
 - ii. *The third party that will control the application of process wastewater to cropland;*
 - iii. *The Assessor's Parcel Number(s) and the acreage(s) of the cropland where the process wastewater will be applied; and*
 - iv. *The types of crops to be fertilized with the process wastewater.*
 - b. *Include an agreement by the third party to:*
 - i. *Use the process wastewater at agronomic rates appropriate for the crops to be grown; and*
 - ii. *Prevent the runoff to surface waters of wastewater, storm water or irrigation supply water that has come into contact with manure or is blended with wastewater.*
 - c. *Include a certification statement, as specified in General Reporting Requirements C.7 of the Standard Provision and Reporting Requirements (which is attached to and made part of this Order), which is signed by both the Discharger and third party."*
4. Land Application Specification D.5 the Order: *"The application of animal waste and other materials containing nutrients to any cropland under control of the Discharger shall meet the following conditions:*
- a. *The application is in accordance with a certified Nutrient Management Plan developed and implemented in accordance with Required Reports and Notices H.1.c and Attachment C of this Order; and*
 - b. *Records are prepared and maintained as specified in the Record-Keeping Requirements of the Monitoring and Reporting Program (Attachment D)."*
5. Land Application Specification D.6 of the Order: *"The application of waste to cropland shall be at rates that preclude development*

of vectors or other nuisance conditions and meet the conditions of the certified Nutrient Management Plan.”

6. Land Application Specification D.8 of the Order: *“All process wastewater applied to land application areas must infiltrate completely within 72 hours after application.”*
7. Land Application Specification D.9 of the Order: *“Process wastewater shall not be applied to land application areas during periods when the soil is at or above field moisture capacity unless consistent with a certified Nutrient Management Plan (see Attachment C) and the Discharger’s Site Specific Order.”*
8. Provision G.5 of the Order: *“This Order does not apply to facilities where wastes such as, but not limited to, whey, cannery wastes, septage, municipal or industrial sludge, municipal or industrial biosolids, ash or similar types of waste are generated onsite or are proposed to be brought onto the dairy or associated cropland for the purpose of nutrient recycling or disposal. The Discharger shall submit a complete Report of Waste Discharge and receive WDRs or a waste-specific waiver of WDRs from the Central Valley Water Board prior to receiving such waste.”*
9. Plans for nutrient management shall specify the form, source, amount, timing, and method of application of nutrients on each land application area to minimize nitrogen movement to surface and/or ground waters to the extent necessary to meet the provisions of the Order. If the land application area is in the watershed of a water body identified in a 303d list as impaired, or very likely impaired based on sampling evidence, by phosphorus, with dairies listed as a cause for the impairment, plans for nutrient management shall include provisions to minimize phosphorus movement to surface and/or groundwater.
10. Where crop material is not removed from the land application area, waste applications are not allowed. For example, if a pasture is not grazed or mowed (and cuttings removed from the land application area), waste shall not be applied to the pasture.
11. Manure and/or process wastewater will be applied to the land application area for use by the first crop covered by the NMP only to the extent that soil tests indicate a need for nitrogen application.

12. Supplementary commercial fertilizer(s) and/or soil amendments may be added when the application of nutrients contained in manure and/or process wastewater alone is not sufficient to meet the crop needs, as long as these applications do not exceed provisions of the Order.
13. Nutrient applications to a crop shall not be made prior to the harvest of the previous crop except where the reason for such applications is provided in the NMP.
14. Water applications shall not exceed the amount needed for efficient crop production.
15. Nutrients shall be applied in such a manner as not to degrade the soil's structure, chemical properties, or biological condition.

B. Nutrient Application Rates

1. General

- a. Planned rates of nutrient application shall be determined based on soil test results, crop tissue test results, nutrient credits, manure and process wastewater analysis, crop requirements and growth stage, seasonal and climatic conditions, and use and timing of irrigation water. Actual applications of nitrogen to any crop shall be limited to the amounts specified below.
- b. Nutrient application rates shall not approach or attempt to approach a site's maximum ability to contain one or more nutrients through soil adsorption. Excess applications or applications that cause soil imbalances shall be avoided. Excess manure nutrients generated by the Discharger shall be handled by export to a good steward of the manure, or the development of alternative uses.

2. Nitrogen

- a. Total nitrogen applications to a land application area prior to and during the growing of a crop shall be based on pre-plant or pre-side dress soil analysis to establish residual nitrogen remaining in the field from the previous crop to establish early season nitrogen applications. Pre-plant or side dress nitrogen applications shall not exceed the estimated total crop use as established by the nutrient management plan.

Except as allowed below, application rates shall not result in total nitrogen applied to the land application areas exceeding 1.4 times the nitrogen that will be removed from the field in the harvested portion of the crop. At no time will application rates result in total nitrogen applied to the land application area exceeding 1.65 times the nitrogen that will be removed from the field in the harvested portion of the crop. Additional applications of nitrogen, up to the 1.65 figure, are allowable if the following conditions are met:

- i. Plant tissue testing has been conducted and it indicates that additional nitrogen is required to obtain a crop yield typical for the soils and other local conditions;
- ii. The amount of additional nitrogen applied is based on the plant tissue testing and is consistent with University of California Cooperative Extension written guidelines or written recommendations from a professional agronomist;
- iii. The form, timing, and method of application facilitates timely nitrogen availability to the crop; and
- iv. Records are maintained documenting the need for additional applications.

3. Phosphorus and Potassium

- a. Phosphorus and potassium may be applied in excess of crop uptake rates. If, however, monitoring indicates that levels of these elements are causing adverse impacts, corrective action must be taken. Cessation of applications may be necessary until crop uptake and harvest has reduced the concentration in the soil.

C. Nutrient Application Timing

1. Process wastewater application is not the same as irrigation water application. Process wastewater application scheduling should be based on the nutrient needs of the crop, the daily water use of the crop, the water holding capacity of the soil, and the lower limit of soil moisture for each crop and soil.

2. Wastewater shall not be applied when soils are saturated. During the rainy season rainfall can exceed crop water demand. However, the application of wastewater is allowable if tests show that there is an agronomic need and current conditions indicate that threat of nitrate leaching is minimal. In no case shall manure or process wastewater be applied to standing water.
3. The timing of nutrient application must correspond as closely as possible with plant nutrient uptake characteristics, while considering cropping system limitations, weather and climatic conditions, and land application area accessibility.
4. Nutrient applications for spring-seeded crops shall be timed to avoid surface runoff and leaching by winter rainfall.
5. Except for orchards and vineyards, nutrients shall not be applied during periods when a crop is dormant.

D. Nutrient Application Methods

1. The Discharger shall apply nutrient materials uniformly to application areas or as prescribed by precision agricultural techniques.
2. Land Application Specification D.6 of the Order: *“Land application areas that receive dry manure shall be managed through implementation of erosion control measures to minimize erosion and must be consistent with a certified Nutrient Management Plan.”*

VI. Wastewater Management on Land Application Areas

Control of water and process wastewater applications and runoff is a part of proper nutrient management since water transports nutrients, salts, and other constituents from cropland to groundwater and surface water. The Discharger shall comply with the following provisions of the Order, which place requirements on applications of manure and process wastewater to, and runoff from, cropland:

- A. Prohibition A.2 of the Order: *“The discharge of waste from existing milk cow dairies to surface waters which causes or contributes to an exceedance of any applicable water quality objective in the Basin Plans or any applicable state or federal water quality criteria, or a violation of any applicable state or federal policies or regulations is prohibited.”*

- B. Prohibition A.3 of the Order: *“The collection, treatment, storage, discharge or disposal of wastes at an existing milk cow dairy that results in (1) discharge of waste constituents in a manner which could cause degradation of surface water or groundwater except as allowed by this Order, (2) contamination or pollution of surface water or groundwater, or (3) a condition of nuisance (as defined by the California Water Code Section 13050) is prohibited.”*
- C. Prohibition A.9 of the Order: *“The discharge of wastewater to surface waters from cropland is prohibited. Irrigation supply water that comes into contact or is blended with waste or wastewater shall be considered wastewater under this Prohibition.”*
- D. Prohibition A.10 of the Order: *“The application of process wastewater to a land application area before, during, or after a storm event that would result in runoff of the applied water is prohibited.”*
- E. Prohibition A.11 of the Order: *“The discharge of storm water to surface water from a land application area where manure or process wastewater has been applied is prohibited unless the land application area has been managed consistent with a certified Nutrient Management Plan.”*
- F. Land Application Specification D.4 of the Order: *“Land application of wastes for nutrient recycling from existing milk cow dairies shall not cause the underlying groundwater to contain any waste constituent, degradation product, or any constituent of soil mobilized by the interactions between applied wastes and soil or soil biota, to exceed the groundwater limitations set forth in this Order.”*
- G. Land Application Specification D.8 of the Order: *“All process wastewater applied to land application areas must infiltrate completely within 72 hours after application.”*
- H. Land Application Specification D.9 of the Order: *“Process wastewater shall not be applied to land application areas during periods when the soil is at or above field moisture capacity unless consistent with a certified Nutrient Management Plan (see Attachment C).”*

VII. Setbacks and Vegetated Buffer

- A. Land Application Specification D.10 of the Order: *“Manure and process wastewater shall not be applied closer than 100 feet to any down gradient surface waters, open tile line intake structures,*

sinkholes, agricultural or domestic well heads, or other conduits to surface waters, unless a 35-foot wide vegetated buffer or physical barrier is substituted for the 100-foot setback or alternative conservation practices or field-specific conditions will provide pollutant reductions equivalent or better than the reductions achieved by the 100-foot setback.”

- B. A setback is a specified distance from surface waters or potential conduits to surface waters where manure and process wastewater may not be land applied, but where crops may continue to be grown.
- C. A vegetated buffer is a narrow, permanent strip of dense perennial vegetation where no crops are grown and which is established parallel to the contours of and perpendicular to the dominant slope of the land application area for the purposes of slowing water runoff, enhancing water infiltration, trapping pollutants bound to sediment, and minimizing the risk of any potential nutrients or pollutants from leaving the land application area and reaching surface waters.
- D. The minimum widths of setbacks and vegetated buffers must be doubled around the wellhead of a drinking water supply well constructed in a sole-source aquifer.
- E. Practices and management activities for vegetated buffers include the following:
 - 1. Removal of vegetation in vegetated buffers will be in accordance with site production limitations, rate of plant growth, and the physiological needs of the plants.
 - 2. Do not mow below the recommended height for the plant species.
 - 3. Maintain adequate ground cover and plant density to maintain or improve filtering capacity of the vegetation.
 - 4. Maintain adequate ground cover, litter, and canopy to maintain or improve infiltration and soil condition.
 - 5. Periodic rest from mechanical harvesting may be needed to maintain or restore the desired plant community following episodic events such as drought.
 - 6. When weeds are a significant problem, implement pest management to protect the desired plant communities.

7. Prevent channels from forming.

VIII. Field Risk Assessment

The results of the water quality monitoring of discharges of manure, process wastewater, storm water, and tailwater to surface water from each land application area, as required by the Monitoring and Reporting Program (Attachment D), shall be used by the Discharger to assess the movement of nitrogen and phosphorus from each land application area. The Discharger will follow guidelines provided by the Executive Officer in conducting these assessments.

IX. Record-Keeping

The Discharger shall maintain records for each land application area as required in the Record-Keeping Requirements of the Monitoring and Reporting Program (Attachment D).

X. Nutrient Management Plan Review

- A. Provide the name and contact information (including address and phone number) of the person who created the NMP; the date that the NMP was drafted; the name, title, and contact information of the person who approved the final NMP; and the date of NMP implementation. Provide applicable document(s) to verify that the person who developed and/or modified the NMP met the qualifications of a certified specialist.
- B. The Discharger shall propose an update to the NMP when discharges from any land application area exceed water quality objectives, a nutrient source has changed, site-specific information has become available to replace default values used in the overall nutrient balance or the nutrient budget, nitrogen application rates in any land application area exceed the rates specified in Technical Standard V.B or the Field Risk Assessment finds that management practices are not effective in minimizing discharges.
- C. The Discharger shall propose an update to the NMP prior to any anticipated changes that would affect the overall nutrient balance or the nutrient budget such as, but not limited to, a crop rotation change, changes in the available cropland, or the changes in the volume of process wastewater generated.

- D. The Discharger shall review the NMP at least once every five years and notify the Regional Board in the annual report of any proposed changes that would affect the NMP.