

EXHIBIT G-1

Checklist for Dairy Monitoring Program:

Documentation of each response is required, i.e., where in the application documentation is the issue addressed, or why it is not required to be addressed. Any response in the negative will require a separate detailed written response. The Kings County Zoning Administrator is the final authority for determining the adequacy of a response. See Exhibit G-2 for specific details of each Policy.

POLICY #	REQUIREMENT	DOCUMENTED	
3.1a	Is the Technical Report included with the application?	Yes	No
3.2e	Has a <i>Comprehensive Dairy Process Water Application Plan</i> been prepared as part of the Technical Report and submitted with the application?	Yes	No
3.2f	Has a Monitoring Program been prepared for the dairy operation which is consistent with the requirements of the <i>Dairy Element</i> , i.e., Goal 6 and the Mitigation Monitoring Plan in the Final Program EIR prepared for the Dairy Element Program?	Yes	No
3.2i	Are all existing active and inactive domestic and irrigation water supply wells at the dairy site properly sealed at the surface to prevent infiltration of waterborne contaminants into the well casing or surrounding gravel pack?	Yes	No
3.2j	Has the applicant submitted an application for waste discharge to the Regional Water Quality Control Board (RWQCB)?	Yes	No
4.1a	Has a <i>Manure Nutrient Management Plan</i> been prepared as part of the Technical Report and submitted with the application?	Yes	No
4.1c	Are tillage, crop residue management, grazing management, and other conservation practices utilized to minimize movement to surface water and groundwater of soil, organic materials, nutrients, and pathogens from lands where manure is applied?	Yes	No
4.2b	Are all areas occupied by cows graded in such a manner that ensures runoff water will flow into and be contained within a lagoon until used for fertilizer or irrigation purposes?	Yes	No
	Are all contents of a lagoon managed so that it is applied to cropland at agronomic rates and used only for approved purposes and in an approved manner?	Yes	No
5.1d	Have procedures been developed for implementing the SJVUAPCD's Regulation VIII for construction activities, during facility pre-construction, construction, inactive construction period, and post construction, when applicable, including monitoring construction activity dust generation?	Yes	No
5.1e	Have procedures been included to monitor fugitive dust emissions from cattle movement and maintenance activities in unpaved corrals, perimeter roadways, and other unpaved areas throughout Dairy Facilities?	Yes	No

	Have procedures been included to monitor the manure generated in the corrals and remove it frequently to minimize the extent to which the manure becomes a PM ₁₀ source?	Yes	No
6.2b	Does the Monitoring Plan for the dairy operation include an annual inspection of the interior and exterior slopes surrounding the manure separation pits and process water lagoons following the rainy season of each year to document the occurrence of any significant erosion (e.g., formation of rills or gullies longer than ten feet and/or deeper than one foot) or any significant slope failures (e.g., soil slips greater than 100 square feet in area)?	Yes	No
	Does the Monitoring Plan include a requirement for a report of the inspections including recommendations and schedule for completing any necessary corrective action?	Yes	No
6.2c	Does the Monitoring Plan for the dairy operation include the following requirements:		
	A. Are periodic visual inspections performed at dust sources throughout the dairy (i.e., cattle movement at unpaved corrals and all other unpaved or gravel paved areas)?	Yes	No
	B. Are visual inspections conducted and documented by the dairy operator to determine the effectiveness of dust control measures required under Policy DE 5.1e and presence/absence of breeding of mosquitoes and other vectors due to the implementation of dust control measures?	Yes	No
	C. Are visual inspections conducted at the dairy site boundaries at least on a monthly basis during the dry season (April through October), once during the remainder of the year, and during periods of high winds to identify potential dust generation sources?	Yes	No
	D. Are all visual inspections documented by the dairy operator and is the documentation maintained at the Dairy Facility?	Yes	No
	E. Are the performance of inspections and documentation of the <i>Fugitive Dust Emissions Control Plan</i> (FDECP) required by Policy DE 5.1g, and control measures required by the most recently adopted <i>SJVUAPCD Regulation VIII</i> , scheduled at least monthly?	Yes	No
6.2d	<i>Minimum standards for Odor Management Plan (OMP)</i> monitoring under Policy DE 5.1b. Are the following requirements met:		
	A. Is there a schedule for conducting quality assurance/quality control of the standard operating procedures described in the OMP?	Yes	No
	B. Are quality assurance/quality control activities conducted and documented by the dairy operator in a manner that will determine whether the implementation of the specified standard operating procedures indicated in the OMP are effectively reducing or controlling odors generated from livestock, handling manure collection, treatment, storage, and land application?	Yes	No
	C. Is quality assurance/quality control conducted by the dairy operator when the potential for odor release/migration is high (e.g., high temperature), and on a monthly basis during the remainder of the year?	Yes	No
	D. Are the results of quality assurance/quality control documented and maintained at the Dairy Facility?	Yes	No

6.2f	<i>Minimum standards for water quality monitoring program:</i> Water quality monitoring requirements are: Does the monitoring plan require that copies of all reports that are required by, and submitted to, the RWQCB also be provided to the Kings County Zoning Administrator?	Yes	No
A.	Does the monitoring plan include installation of groundwater monitoring wells and/or lysimeters at each dairy adequate to characterize the variations in depth to uppermost groundwater at the Dairy Facility and chemical quality of the uppermost groundwater zone, and if non-continuous perched groundwater zones underlie the facility, vadose zone monitoring using lysimeters are required to monitor the quality of soil water, particularly in the vicinity of the lagoons?	Yes	No
	Is the design and installation of water quality monitoring system required to be performed under the direction of a Registered Geologist or a Professional Engineer in accordance with California Well Standards?	Yes	No
B.	Does the monitoring plan include groundwater and soil water sampling and analysis by a State-certified analytical laboratory, for TDS, electrical, conductivity general mineral content, Nitrogen as nitrate and nitrite, phosphorus, and coliform or other appropriate indicator of biological contamination?	Yes	No
C.	Is the sampling of all wells and/or lysimeters conducted prior to dairy operation to establish background levels and thereafter on an annual basis (i.e., twice each year once in the spring and once in the fall), including the depth to water in each well measured to within an accuracy of 0.01 feet?	Yes	No
D.	Are the reporting requirements according to the RWQCB requirements and Policy DE 6.4d of the Dairy Element?	Yes	No
6.2g	Does the Monitoring plan state that documentation of the monitoring of the dairy shall be kept on-site at all times and shall be made available to the Kings County Code Compliance personnel upon request?	Yes	No
6.3a	Does the Monitoring plan provide for annual evaluation to demonstrate that the dairy is operating within its approved parameters, and if those parameters are exceeded, the operator must make changes to bring the dairy into conformance with the requirements of the <i>Dairy Element</i> ?	Yes	No
6.4b	Does the application for the new or expanded dairy include the name of, and contact information for, the person(s) responsible for responding to complaints regarding that dairy?	Yes	No
6.4d:	Has the dairy operator retained, or does the monitoring plan include the retention of a qualified professional (i.e., Professional Engineer or) Certified Hydrogeologist to compile and evaluate the water quality data required by Policy DE 6.2f?	Yes	No

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