California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program Order No R1-1985-0079
(Revised on February 1, 2023)
for
Manzana Products Company Inc.
9141 Green Valley Road, Sebastopol
Sonoma County
WDID No. 1B78141OSON

This Monitoring and Reporting Program (MRP) is issued to Manzana Products Company, Inc. (Discharger) pursuant to California Water Code (Water Code) section 13267 which authorizes the Regional Water Quality Control Board (Regional Water Board) to require technical and monitoring reports. The technical and monitoring reports required by this Order are necessary to ensure compliance with Waste Discharge Requirements Order No. 85-79 and to protect human health and waters of the state. The costs of the technical or monitoring reports required by this Order bear a reasonable relationship to the need for these reports and the benefit to be gained by these reports.

This MRP establishes monitoring and reporting requirements, which are necessary to assure the discharges of waste that could impact water quality complies with waste discharge requirements and water quality objectives. This MRP may be modified, as necessary by the Regional Water Board Executive Officer. Pursuant to Water Code section 13268, failure to submit the report(s) as described by this Order is a misdemeanor and may subject the Discharger to an administrative civil liability if the reports are not received by the deadline. This MRP revises and takes the place of MRP No. 85-79, which is rescinded except for enforcement purposes.

I. GENERAL MONITORING PROVISIONS

A. Supplemental Monitoring Provision
If the Discharger monitors any pollutant more frequently than required by this Order, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the monthly and annual self-monitoring reports.

B. Laboratory Certification
Laboratories analyzing monitoring samples shall be certified by the State of California Environmental Laboratory Accreditation Program (ELAP), in accordance with Water Code section 13176, and must include quality assurance/quality control data with their reports. The Discharger may analyze pollutants with short hold times (e.g., pH, chlorine residual, etc.) with field equipment or its on-site laboratory provided that the Discharger

has written standard operating procedures (SOPs) that identify quality assurance/quality control procedures to be followed to ensure accurate results. The Discharger shall keep a manual onsite containing the steps followed in this program and must demonstrate sufficient capability to adequately perform these field tests (e.g., qualified and trained employees, properly calibrated and maintained field instruments). The program shall conform to approved guidelines or procedures (i.e., U.S. EPA, Standard Methods, etc.).

C. Minimum Levels

Compliance and reasonable potential monitoring analyses shall be conducted using commercially available and reasonably achievable detection limits that are lower than the applicable effluent limitation. If no minimum level (ML) value is below the effluent limitation, the lowest ML shall be selected as the reporting level (RL).

D. Monitoring Equipment Provision

All monitoring and analysis instruments and devices used by the Discharger to fulfill this MRP shall be properly maintained and calibrated as recommended by the manufacturer to ensure their continued accuracy. All flow measurement devices shall be calibrated no less than the manufacturer's recommended intervals or one-year intervals (whichever comes first), to ensure continued accuracy of the devices.

E. Sample Documentation

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The name of the sampler, sample type (grab or composite), time, date, location, bottle type, and any preservative used for each sample shall be recorded on the sample chain of custody form. The chain of custody form must also contain all custody information including date, time, and to whom samples were relinquished.

F. Field Test Instruments

Field test instruments (such as those used to test pH and dissolved oxygen) may be used provided that they are used by an ELAP certified laboratory or:

1. The user is trained in proper use and maintenance of the instruments;
2. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer;
3. Instruments are serviced by the manufacturer or authorized representative at the recommended frequency; and
4. Field calibration reports are maintained and available for at least three years.

G. Duplicative Monitoring Requirements

If monitoring requirements listed below duplicate existing monitoring requirements under other orders including WDRs or waivers of WDRs, then duplication of sampling and monitoring activities are not required if the monitoring activity satisfies the requirements of this MRP. In addition to submitting the results under another order, the results shall be submitted in the reports required by this MRP.

H. Approved Test Methods

All monitoring must be conducted using approved test methods or other test methods specified in this MRP.

II. MONITORING LOCATIONS

The Discharger shall establish the following monitoring locations identified in Table 1 to demonstrate compliance with the discharge prohibitions, discharge specifications, and other requirements in this Order:

Table 1. Monitoring Station Locations

Discharge Point Name	Monitoring Location Name	Monitoring Location Description
--	INF-001	Point where process wastewater enters Treatment Pond 1.
--	P1-001	Treatment Pond 1
--	P2-001	Treatment Pond 2
--	P3-001	Storage Pond 3
001	EFF-001	Storage Pond 3 effluent monitoring location.
--	ST-001	Onsite effluent storage tanks
--	NSF-001	North spray disposal field.
--	SSF-001	South spray disposal field.
--	OSD-001	Point where wastewater is transferred to off-site hauling tank.

III. MONITORING REQUIREMENTS

A. Influent

The Discharger shall measure and record the volume of influent wastewater at Monitoring Location INF-001 as follows in Table 2:

Table 2. Influent Flow – Monitoring Location INF-001

Parameter	Units	Sample Type	Minimum Sampling Frequency
Flow (Daily, and Monthly Average)	gpd	Flow sensor, Metered, Recorded Pumping Hours, or Estimated	Continuous

Parameter	Units	Sample Type	Minimum Sampling Frequency
		based on water usage[1]	

B. Wastewater Ponds

The Discharger shall monitor the three wastewater ponds at Monitoring Locations P1-001, P2-001, and P3-001 as follows in Table 3:

Table 3. Wastewater Ponds – Monitoring Location P1-001, P2-001, and P3-001

Parameter	Units	Sample Type	Minimum Sampling Frequency
Freeboard	Feet	Measured	Weekly
Dissolved Oxygen	mg/L	Grab	Weekly
Berm Condition	--	Observation	Weekly
Odors	--	Observation	Weekly

C. Effluent

The Discharger shall monitor treated effluent at Monitoring Location EFF-001, prior to discharge to the north or south spray fields, as follows in Table 4:

Table 4. Effluent Monitoring – Monitoring Location EFF-001

Parameter	Units	Sample Type	Minimum Sampling Frequency
Biochemical Oxygen Demand (5-day @ 20°C)	mg/L	Grab	Monthly
Total Suspended Solids	mg/L	Grab	Monthly
pH	Standard Units	Grab	Monthly

D. Discharge Volume

The Discharger shall measure and record the total volume of effluent wastewater discharged from Pond 3 (Discharge Point 001) to the north disposal spray field, the

[1] Water usage for processing activities only. Explanation of how this estimate was calculated must be included with the reported value.

south disposal spray field, on-site effluent storage tanks, and off-site hauling tanks at Monitoring Locations NSF-001, SSF-001, ST-001, and OSD-001 as follows in Table 5:

Table 5. Discharge Volume Monitoring – Monitoring Locations NSF-001, SSF-001, ST-001, and OSD-001

Parameter	Units	Sample Type	Minimum Sampling Frequency
Total Monthly Volume of Effluent	gallons	Metered	Monthly

E. Spray Field Monitoring

The Discharger shall inspect the spray disposal fields for evidence of ponding and run off, or the presence of nuisance conditions (e.g., odors, flies, etc.) at Monitoring Locations NSF-001, SSF-001 as follows in Table 6:

Table 6. Spray Field Monitoring – Monitoring Location NSF-001 and SSF-001

Parameter	Units	Sample Type	Minimum Sampling Frequency
Ponding and Run-off	---	Observation	Daily when discharging to spray field
Nuisance Conditions	---	Observation	Daily when discharging to spray field

F. Off-site Disposal

The Discharger shall monitor and record the monthly off-site process wastewater disposal actions. Monitoring data to report should include the name and contact information of the hauling company, volume of wastewater transported, date transported, name and address of wastewater treatment plant (WWTP) accepting the wastewater, and copies of analytical data required by the WWTP accepting the waste.

G. Connection to Graton CSD WWTP

The Discharger shall monitor and record the monthly actions performed by the Discharger during the calendar month to advance or complete the Facility's connection to the Graton Community Service District WWTP for process wastewater treatment. Additional future actions to secure connection to the GCSD WWTP, and the projected completion date of those actions, shall be identified and recorded.

IV. REPORTING REQUIREMENTS

A. Monthly Self-Monitoring Reports (SMRs)

1. The Discharger shall submit monthly SMRs including the results for all monitoring specified in this MRP. If the Discharger monitors any pollutant more frequently

than required by this Order, the results of this monitoring shall be included in the calculations and reporting of the data submitted in the SMR.

2. Monthly SMRs shall be submitted by the first day of the second calendar month, following the month of sampling. All monitoring results shall include complete laboratory data sheets for each analysis and be submitted in conjunction with the monthly SMR. Annual summary reports shall be submitted by March 1st each year as per Reporting Requirement IV, B, 1.

3. Monitoring periods for all required monitoring shall be completed according to the following schedule:

Table 7. Monitoring Periods and Reporting Schedule

Sampling Frequency	Monitoring Period Begins On	Monitoring Period
Daily	Order Effective Date	(Midnight through 11:59 PM) or any 24-hour period that reasonably represents a calendar day for purposes of sampling.
Weekly	Sunday following order effective date or on order effective date if on a Sunday	Sunday through Saturday
Monthly	First day of calendar month following order effective date or on order effective date if that date is first day of the month	1st day of calendar month through last day of calendar month
Annually	January 1 following (or on) order effective date	January 1 through December 31

4. The Discharger shall report with each sample result the applicable ML, the RL, and the current MDL, as determined by the procedure in Standard Methods.

5. The Discharger shall report the results of analytical determinations for the presence of chemical constituents in a sample using the following reporting protocols:

   a. Sample results greater than or equal to the reported ML shall be reported as measured by the laboratory (i.e., the measured chemical concentration in the sample).

   b. Sample results less than the RL, but greater than or equal to the laboratory's MDL, shall be reported as "Detected, but Not Quantified," or DNQ. The estimated chemical concentration of the sample shall also be reported.

For the purposes of data collection, the laboratory shall write the estimated chemical concentration next to DNQ as well as the words “Estimated Concentration” (may be shortened to “Est. Conc.”). The laboratory may, if such information is available, include numerical estimates of the data quality for the reported result. Numerical estimates of data quality may be percent accuracy (+ a percentage of the reported value), numerical ranges (low to high), or any other means considered appropriate by the laboratory.

c. Sample results less than the laboratory’s MDL shall be reported as “Not Detected,” or ND.

d. Dischargers are to instruct laboratories to establish calibration standards so that the ML value (or its equivalent if there is differential treatment of samples relative to calibration standards) is the lowest calibration standard. At no time is the Discharger to use analytical data derived from extrapolation beyond the lowest point of the calibration curve.

6. The Discharger shall submit monthly SMRs in accordance with the following requirements:

a. The Discharger shall arrange all reported data in a tabular format. The data shall be summarized to clearly illustrate whether the Facility is operating in compliance with effluent limitations and other WDR requirements.

b. The Discharger shall provide copies of the underlying lab reports and chains of custody documentation.

c. The Discharger shall attach a cover letter to the SMR. The information contained in the cover letter shall clearly identify:

i. Facility name and address;

ii. WDID number;

iii. Applicable period of monitoring and reporting;

iv. Violations of the WDRs (identified violations must include a description of the requirement that was violated and a description of the violation);

v. Corrective actions taken or planned; and

vi. The proposed time schedule for corrective actions.

d. The Monthly SMRs and Annual Report must be submitted to the Regional Water Board, signed and certified as required by the General Provisions, to: NorthCoast@waterboards.ca.gov or on disk (CD or DVD) in a Portable Document Format (PDF) file in lieu of paper-sourced documents. The guidelines for electronic submittal of documents can be found on the

Regional Water Board website.
(https://www.waterboards.ca.gov/northcoast/publications_and_forms/available_documents/pdf/2014/ECM_Letter-Guidelines.pdf)

At any time during the term of this permit, the Regional Water Board may notify the Discharger to electronically submit both technical and Self-Monitoring Reports (SMRs) to the State Water Board's GeoTracker database in searchable Portable Document Format (pdf). In addition, analytical data will be required to be uploaded to the GeoTracker database under a site-specific global identification number that will be assigned to the Discharger. Information on the GeoTracker database is provided on the State Water Board website.

(https://www.waterboards.ca.gov/resources/data_databases/groundwater.html)

B. Annual Report

1. The Discharger shall submit an annual report, to the Regional Water Board for each calendar year. The report shall be submitted by March 1 of the following year. The report shall, at a minimum, include the following:

   a. Monitoring data summaries, both tabular and, where appropriate, graphical summaries of the monitoring data and disposal records from the previous year. If the Discharger monitors any pollutant more frequently than required by this Order, the results of this monitoring shall be included in the calculation and report of the data submitted in the SMR.

   b. Trucked waste (i.e., effluent and processing solids) monitoring data summaries identifying the volume of waste hauled off-site, the hauling date, and the final destination that the waste was hauled to.

   c. A compliance reporting summary including a comprehensive discussion of the Facility's compliance (or lack thereof) with WDR Order No. 85-079 and this MRP, and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the Order and the MRP.

   d. Staffing and Emergency Contacts

      i. The names and telephone numbers of persons to contact regarding the Facility for emergency and routine situations.

   e. Instrumentation calibration reporting statement certifying when flow meter(s) and other monitoring instruments and devices were last calibrated, including identification of who performed the calibration.

C. Spill and Unauthorized Discharge Notification

1. Information regarding all spills and unauthorized discharges that may endanger health or the environment shall be provided verbally to the Regional Water Board[2] within 24 hours from the time the Discharger becomes aware of the circumstances and a written report shall also be provided within five (5) days of the time the Discharger becomes aware of the circumstances of the spill or unauthorized discharge.

   Information to be provided verbally to the Regional Water Board includes:

   a. Name and contact information of caller;

   b. Date, time, and location of spill occurrence;

   c. Estimates of spill volume, rate of flow, and spill duration, if available and reasonably accurate;

   d. Surface water bodies impacted, if any;

   e. Cause of spill, if known at the time of the notification;

   f. Cleanup actions taken or repairs made at the time of the notification;

   g. Actions taken to prevent the spill or unauthorized discharge from reoccurring; and

   h. Responding agencies.

So Ordered:

C.E. Reed for

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Water Boards

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Valerie Quinto
Executive Officer

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[2]. The contact number of the Regional Water Board during normal business hours is (707) 576-2220. After normal business hours, spill reporting to the California Governor's Office of Emergency Services Warning Center (CalOES) will satisfy the 24 hour spill reporting requirement for the Regional Water Board. The contact number for spill reporting for the CalEMA is (800) 852-7550.