



FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: NORTH AMERICAN FOODS INC.
ONE POTATO ROAD
WINNEMUCCA, NV - 89445

Permit Number: NS0094007

Location: WINNEMUCCA FARMS TRUCK/EQUIPMENT WASH FACILITY, HUMBOLDT
4100 DUTCH FLAT ROAD, WINNEMUCCA, NV - 89445
LATITUDE: 41.161667, LONGITUDE: -117.673611
TOWNSHIP: 38 N, RANGE: 38 E, SECTION: 23

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	SAND/OIL/WATER SEPARATOR DISCHARGE	External Outfall		WINNEMUCCA	NV	89445	HUMBOLDT	41.161667	-117.673611	GROUNDWATER

General:

North American Foods Inc. - Winnemucca Farms Truck/Equipment Wash Facility located at 4100 Dutch Flat Road, 15 miles north of City of Winnemucca, seeks renewal of its current permit NEV94007 (NS0094007). Permittee operates a potato processing facility and potato farms in Winnemucca, Humboldt County Nevada. Trucks and farming equipment used to cultivate and transport potatoes to the processing facility are spray washed and/or rinsed over a concrete pad that drains into a Sand - Oil - Water separator system (OWS). The OWS drains to an adjacent agricultural field thus supplementing irrigation water; this particular field is approximately 500 acres and is also owned by North American Foods Incorporated.

Discharge Characteristics:

A sand-oil-water separator (OWS) was installed in order to recover oil, grease, lubricants, and hydraulic fluids that may be flushed from the vehicles during washing; dirt and mud are the principal wastewater constituents. Hydrocarbon constituents are separated from the liquid phase by the OWS prior to discharge; these hydrocarbons are subject to effluent limitations established in the permit prior to land irrigation.

Receiving Water:

The OWS effluent is eventually discharged to ground water of the State via irrigation/infiltration; depth to ground water is approximately 120 feet below grade (bgs) – 4,200 feet above mean sea level. General groundwater flow is eastward. There are no public drinking water supply wells or municipal water supply wells within several miles of this facility.

Summary of Changes From Previous Permit:

Following current naming conventions of Nevada Division of Environmental Protection, Bureau of Water Pollution Control, The permit number has been changed from NEV94007 to NS0094007.

The TPH limits are revised to : 10 mg/L Annual Average, and 15 mg/L Quarterly Maximum;

Proposed Effluent Limitations:

Flow is limited to 5000 gallons per day (GPD) 30-day average with 6000 GPD daily maximum.

NS OTHER - Discharge Limitations Table for Sample Location 001 (External Outfall) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Flow rate	Daily Maximum	<= 0.006 Million Gallons per Day (Mgal/d)		Effluent Gross	001	Continuous	METER
Flow rate	30 Day Average	<= 0.005 Million Gallons per Day (Mgal/d)		Effluent Gross ^[1]	001	Continuous	METER

Notes (NS OTHER - Discharge Limitations Table):

1. Sample port on the discharge line form the sand/oil/water separator.

NS OTHER - Discharge Limitations Table for Sample Location 001 (External Outfall) To Be Reported Quarterly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Oil & grease ^[3]	Quarterly Maximum		<= 10 Milligrams per Liter (mg/L)	Effluent Gross ^[2]	001	Quarterly	DISCRT
Hydrocarbons, total petroleum ^[1]	Quarterly Maximum		<= 15 Milligrams per Liter (mg/L)	Effluent Gross ^[2]	001	Quarterly	DISCRT

Notes (NS OTHER - Discharge Limitations Table):

1. EPA Method 8015B.
2. The sample port on the discharge line from the sand/oil/water separator.
3. EPA SW846 Method 418.1 or equivalent approved by the Division.

NS OTHER - Discharge Limitations Table for Sample Location 001 (External Outfall) To Be Reported Annually

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Hydrocarbons, total petroleum	Annual Average		<= 10 Milligrams per Liter (mg/L)	Effluent Gross	001	Quarterly	DISCRT

Proposed Technology Based Effluent Limitations:

TPH is set for quarterly maximum of 15 mg/L and annual average is set for maximum of 10 mg/L measured quarterly.

O & G is set for maximum of 10 mg/L

Proposed Water Quality-Based Effluent Limitations:

Waste Load Allocation:

Rationale for Permit Requirements:

Discharge Limitations were established to ensure that the receiving groundwater of the State is not degraded as a result of the applicant’s truck/equipment washing operations.

Monitoring requirements for the parameters specified in Table 1. The prior TPH limit of 1 mg/L is revised to reflect the practically achievable limits of 10 to 15 mg/L for the particular OWS technology available for the facility. Further, the infrequent and limited use of the wash pad itself will help reduce the overall TPH and O&G discharge from this facility with additional likely help from microorganisms from the small swale and the irrigation site where the effluent is discharging to. The effluent from OWS is not expected to flow out of the farm as stream.

Fecal Coliform:

WET Testing:

Special Conditions:

An updated Operations & Maintenance Manual is due 03/04/2017.

SA – Special Approvals / Conditions Table

Item #	Description
1	The current renewal is conditioned upon substantial compliance with the original permit conditions as well as revised set limits where applicable.
2	Following current NDEP conventions, the permit number is changed from NEV94007 to NS0094007.
3	The requirement to electronically submit Discharge Monitoring Reports (DMRs) within 1 year of permit issuance has been added. The Bureau of Water Pollution Control's Nevada NetDMR system is a website that allows for electronic submission of DMRs. By using Nevada NetDMR, permittee will save time, and data will automatically error-check and validate the information prior to submission. All necessary attachments and supplemental documentation can also be uploaded using the NetDMR system.

Reasonable Potential Analysis and Antidegradation Review:**Flow:**

The permitted maximum discharge flow for this facility is 6,000 gallons per day (gpd); actual flow is reported at about 1300 gpd – monthly average. There have not been any substantial non-compliance issues of concern from this facility.

Discharges From Future Outfalls:**Corrective Action Sites:**

There are no Bureau of Corrective Actions sites within one mile of this area.

Wellhead Protection Program:

There are no public drinking water supply wells or municipal water supply wells within 6,000 feet of the discharge area.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	By March 4, 2017 (60 days from the permit effective date) the Permittee shall submit to the Division, for review and approval, an Operations & Maintenance (O&M) Manual for the Sand - Oil - Water separator (OWS). The O & M manual shall be prepared by referring to WTS - 2.	3/4/2017

Deliverable Schedule:

DLV– Deliverable Schedule for Reports, Plans, and Other Submittals

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	4/28/2017
2	Annual Report	Annually	4/28/2017

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Humboldt Sun, Reno Gazette Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. **11/14/2016**, a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator of EPA Region IX or any interested agency, person or group of persons. The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted. Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination:

The Division has made the tentative determination to issue / re-issue the proposed 5-year permit.

Prepared by: **sharada Maligireddy**

Date: **10/13/2016**

Title: **Staff Engineer**