

# NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

## Factsheet - Pursuant to NAC 445A.236

**APPLICANT:** North American Foods Incorporated

**PERMIT NUMBER:** NEV94007

**LOCATION:** Winnemucca Farms Truck/Equipment Wash Facility  
4100 Dutch Flat Road  
Winnemucca, Humboldt County, Nevada  
Latitude: 41° 09' 42" North  
Longitude: 117° 40' 25" West  
West Township 38 North, Range 38 East, Section 23 M.D.B.&M.

**FLOW:** Maximum Flow Rate – 6,000 gallons per day (gpd).

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

**BUREAU OF CORRECTIVE ACTIONS:** There are no Bureau of Corrective Actions sites within one mile of this area.

### GENERAL:

**North American Foods Incorporated - Winnemucca Farms Truck/Equipment Wash Facility** has applied for a renewal of its current permit, **NEV94007**. This company 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 use a heavy equipment wash facility located 15 miles north of Winnemucca on highway 95.

Trucks and farming equipment are sprayed 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**.

### FLOW:

The permitted maximum discharge flow for this facility is 6,000 gallons per day (gpd); actual flow is reported as 5,000 gpd – monthly average. There have not been any non compliance issues with this Permittee.

**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 – Table 1 below.

**RECEIVING WATER CHARACTERISTICS:**

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.

**PROPOSED EFFLUENT LIMITATIONS:**

Samples taken in compliance with the monitoring requirements specified below shall be taken from the sample port on the discharge line from the sand, oil, water separator (**OWS**) – Location 1. Effluent limitations are established in Table 1 below. Effluent limitations for total petroleum hydrocarbons (**TPH**) have been limited to 1.0 milligram per liter (mg/L); oil and grease has been limited to 10.0 mg/L. The facility has met all its discharge limitations.

**Table 1: Effluent Limitations**

PARAMETER	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS		
	30-Day Average	Daily Max	Sample Location <sup>1</sup>	Measurement Frequency	Sample Type
Flow rate – (gpd)	5,000	6,000	1	Continuous	Flow Meter
Total Petroleum Hydrocarbons <sup>2</sup> (mg/L)	-	1	1	Quarterly	Discrete
Oils and Greases <sup>3</sup> (mg/L)	-	10	1	Quarterly	Discrete

1. The sample port on the discharge line from the sand, oil, water separator.

2. EPA Method 8015B and EPA Method 8260B, full range.

3. EPA SW846 Method 418.1 or equivalent approved by the Division.

mg/L: Milligrams per liter.                      gpd: Gallons per day

**RATIONALE FOR PERMIT REQUIREMENTS:**

Monitoring requirements for the parameters specified in **Table 1**. Discharge Limitations were established ensure that the receiving groundwaters of the State are not degraded as a result of the applicant’s irrigation discharges and practices.

**SCHEDULE OF COMPLIANCE:**

The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Administrator, including in said implementation and compliance, any additions or modifications which the Administrator may make in approving the schedule of compliance.

- a. The Permittee shall achieve compliance with the effluent limitations upon issuance of the permit.
- b. By **December 30<sup>th</sup>, 2010** the Permittee shall submit to the Division, for review and approval, an Operations & Maintenance (O&M) Manual for its Sand - Oil - Water separator (**OWS**). The **O & M manual** shall be prepared in accordance to **WTS - 2**.
- c. All schedule of compliance submittals and evidence of compliance documents shall be submitted to the Bureau Compliance Coordinator at the address in **Section Part I.B.9** of the permit.

#### **PROPOSED DETERMINATION:**

The Division has made the tentative determination to renew the proposed permit, under the provisions prescribed, for a 5-year period.

#### **PROCEDURES FOR PUBLIC COMMENT:**

The Notice of the Division's intent to issue a groundwater discharge permit to the applicant, subject to the conditions contained within the permit is being sent to **Reno Gazette Journal** and **The Humboldt Sun** 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 for a period of thirty (30) days following the date of publication of the public notice in the newspaper. The comment period can be extended at the discretion of the Administrator. The deadline date and time by which all comments are to be submitted (via postmarked mail or time-stamped faxes, e-mails, or hand-delivered items) to the Division is **October 30<sup>th</sup>, 2010 by 5:00 P.M.**

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator 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 determines to be appropriate. All public hearings must be conducted in accordance with **NAC 445A.238**. The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to **NRS 445A.605**.

The application and proposed permit on file and may be copied or copies may be obtained by writing or by calling **Alexi Lanza, P.E.**, Bureau of Water Pollution Control at **(775)687-9468**; fax: **(775)687-4684**; or email: [alanza@ndep.nv.gov](mailto:alanza@ndep.nv.gov). This notice and the fact sheet can be viewed at <http://ndep.nv.gov/admin/public.htm>

Prepared by:

**Alexi Lanza, P.E.**

Nevada Division of Environmental Protection  
Bureau of Water Pollution Control – Permits Branch