SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

WARM SPRINGS FOREST PRODUCTS INDUSTRIES
P.O. BOX 810
WARM SPRINGS, OREGON 97761-0080

TELEPHONE: 553-1131 BUSINESS HOURS
~~550~~ 553-2109 AFTER HOURS

WJS	WO 2-14-91
WO	
~~TR~~	
~~HR~~	
~~RR~~	
~~MF~~	

This SPCC Plan has been prepared in accordance
with 40 CFR 112, Oil Spill Prevention (7-1-88 Edition)

RC
L draftal
4/12/91

by

Serac Engineering Inc.
P.O. Box 1547
Bend, Oregon 97709

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EPA-REGION 10

January, 1991

Project No. 043001

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II. Approvals

A. Professional Engineer's Certification

I hereby certify that I have examined the facility and, being familiar with the provisions of 40 CFR, Part 112, Oil Spill Prevention, attest that this Spill Prevention Control and Countermeasure Plan has been prepared in accordance with good engineering practices.

WARD P. CRANE

PRINTED NAME OF REGISTERED PROFESSIONAL ENGINEER

Ward P Crane

SIGNATURE OF REGISTERED PROFESSIONAL ENGINEER

REGISTRATION NO. 9010 STATE OREGON

1/28/91

DATE

REGISTERED PROFESSIONAL ENGINEER 9010 OREGON Oct. 15, 1976 WARD P. CRANE

(SEAL)

II. APPROVALS (CONTINUED)

B. MANAGEMENT CERTIFICATION AND INFORMATION

NAME OF FACILITY:	Warm Springs Forest Products Industries
TYPE OF FACILITY:	Lumber and plywood mill.
DATE OF INITIAL OPERATION:	May 1967
LOCATION OF FACILITY:	North side State Highway 26 12 miles west of Madras on Warm Springs Indian Reservation
NAME AND ADDRESS OF OWNER:	Confederated Tribes of the Warm Springs Reservation Warm Springs, Oregon 97761
DESIGNATED RESPONSIBLE PERSON:	Mr. Robert Macy Sr., General Manager and Mr. Rodger Holcomb, Powerhouse Superintendent
OIL SPILL HISTORY:	One event involving light oil contamination of Shitike Creek on January 30,1987. Clean-up by WSFPI. Inspected and approved by Mr. Bill Sobolewski, EPA, Portland

MANAGEMENT APPROVAL:

I hereby certify that full approval is extended by management at a level with authority to commit the necessary resources toward spill prevention, and will be implemented as described within.

SIGNATURE: Robert W. Macy Sr.

NAME: Mr. Robert Macy Sr.

TITLE: General Manager, Warm Springs Forest Products Industries

III. REGULATION APPLICABILITY

The Code of Federal Regulations, Volume 40, contains two parts that pertain to the discharge of oil into the navigable waters of the United States.

Part 110 - Discharge of Oil is a general regulation that prohibits the discharge of petroleum, fuel oil, sludge, oil refuse, and oil of any kind or in any form into or upon the navigable waters or along the shoreline of the United States if the discharge violates applicable water quality standards or causes a film or sheen to appear or a sludge to be deposited onto the surface of the water.

This regulation prohibits the addition of dispersants or emulsifiers to oil that will be discharged in order to circumvent the provisions of Part 110.

Part 110 also requires the person in charge of a facility to notify the appropriate agency such as the Coast Guard, DEQ, or EPA whenever he has knowledge of any discharge of oil.

Part 112 - Oil Pollution Prevention establishes the procedures, methods and equipment to prevent the discharge of oil from non-transportation related oil processors and handlers. These facilities must be engaged in drilling, producing, gathering, storing, processing, refining, transferring, distributing or

consuming oil and oil products. If the facility could not reasonably be expected to discharge oil into the waters of the United States due to its location (excluding man-made features such as dikes or structures), Part 112 - Oil Pollution Prevention does not apply. In addition, other facilities that have less than 42,000 gallons or less of buried storage tanks <u>or</u> less than 1,320 gallons total combined above ground storage (provided no single above ground tank has a capacity greater than 660 gallons) do not have to meet the regulations in Part 112.

The oil storage at Warm Springs Forest Products Industries has been determined to be within the definition for oil use under Part 112 so the EPA requirement for preparation and implementation of a Spill Prevention Control and Countermeasure Plan is necessary and required at this time.

The EPA Administrator in Portland will require the owner of a facility that has been involved in an oil spill to furnish it with a SPCC Plan so EPA can monitor the clean up. EPA attorneys have advised the Administrator not to review and approve owner prepared SPCC Plans since EPA may be judged partially responsible or liable if an EPA approved SPCC Plan results in litigation. Therefore, EPA currently does not enforce any schedule of SPCC Plan preparation, does not assess fines, and only requires the submittal of a SPCC Plan after an oil spill has occurred.

Warm Springs ~~Wood~~ FOREST Products Industries must also abide by Part 110 - Discharge of Oil and not discharge or cause or permit to be discharged into or upon the waters of the United States, any oil. This requirement includes any spilled vehicle fuels, oil drained from any equipment, or any oil discharge.

IV. SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

Warm Springs Forest Products Industries
Warm Springs, Oregon

Certification:

Engineer: Ward P. Crane, P.E.
Oregon License No. 9010

Firm: Serac Engineering Inc.
P.O. Box 1547
Bend, Oregon 97709
Telephone: (503) 389-5383

A. Name and Ownership:

Facility: Warm Springs Forest Products Industries
State Highway 26, Warm Springs, Oregon

Owner: Confederated Tribes of the Warm Springs Reservation, Warm Springs, Or 97761

Manager: Mr. Robert Macy Sr.

B. Description of Facility:

Figure No. 1 shows the project location and Figure No. 2 indicates the site layout and containment systems.

Storage Capacity (Fixed - above ground)

Item	Capacity (Gallons)	Containment
1. Waste water evaporative ponds		
1. Pond #1	374,000	Soil dike
2. Pond #2	673,000	Soil dike
2. Truck Shop Gasoline Tank	1,000	Steel, above ground
3. Truck Shop Diesel Tank	10,000	Steel, above ground
4. Truck Shop Oil Tank	1,000	Steel, above ground
5. Machine Shop Oil Storage Tank	1,000	Steel, above ground
6. Sawmill Oil Storage Tank	1,500	Steel, above ground

7. Prefab Shop Oil Storage Tank	1,500	Steel, above ground
8. Plywood Oil Storage Tank	1,500	Steel, above ground
9. Plywood Glue Tanks		
1. Tank #1	10,500	Steel, above ground
2. Tank #2	8,500	Steel, above ground
3. Tank #3	6,000	Steel, above ground
10. Turbine Lube Oil Sumps		
1. Tank #1	275	Steel, above ground
2. Tank #2	275	Steel, above ground
3. Tank #3	275	Steel, above ground
11. Prefab Shop Diesel Tank	10,000	Steel, above ground

This facility is lighted at night by area lights, but there is no perimeter fencing. A night watchman patrols the facility at night and on weekends.

The area is graded and has gravel surfacing sloping generally to the south and to the east. There are no underground storm drains and surface drainage flows overland towards the settling ponds. Surface water is collected in a pond sump and then pumped into Pond #1. A 350 yard portion of Shitike Creek is protected by a earthen dike.

C. Spill Record:

1/30/86 there was light oil contamination of Shitike Creek. Clean-up was performed by WSFPI and Mr. Bill Sobolewski, EPA, Portland, inspected and approved of the clean-up.

D. Individual Spill Containment and Prevention Measures:

1. WASTE WATER EVAPORATION PONDS (2)

CAPACITY: Pond #1 374,000 gallons (normal level)

Pond #2 673,000 gallons (normal level)

TYPE: Each pond is above ground with earthen dike construction.

Pond #1: 100' x 100' x 9' deep with 2' of freeboard at normal level. Top of dike minimum width: 8'.

Pond #2: Triangular in shape 200' x 150' x 300', 9' deep, 8' minimum width at top of dike with 2' freeboard at normal operation level. Pond #2 is equipped with a sprinkler system to enhance evaporation.

DISPENSING: None

CONTENTS: Pond #1: Waste water from mill drain system. (Boiler blow-down and air compressor cooling water)

Pond #2: Plywood plant waste water and clean up water. Primary hazardous chemical: Borden plywood glue Cascophen PF CA 16A which has formaldehyde as the major hazardous component.

LOCATION: Southeast corner of mill complex, approximately 400' from southeast corner of plywood building.

SAFETY: Monitored daily by construction crew and watchman.

CLEAN-UP: In the event of overflow or rupture, company personnel and earth moving equipment must react quickly and seal any rupture. Earthen dike to be constructed to prevent spill from entering

the Deschutes River or Shitike Creek. Pond #1 is isolated from Shitike Creek by an earthen dike and pump station. Natural elevations indicate flow would be limited to the east or northeast. If required, dike to be constructed in this area, and contents of one pond pumped to second pond. Booms to be placed in Deschutes River or Shitike Creek as needed. Call professional clean-up crew if required.

PROPOSED METHOD OF SPILL PREVENTION:

An earthen dike should be constructed around both waste water ponds. Size, approximately 450' x 450' x 4' high, with 4' width at top. Capacity: 4,544,415 gallons with 12" freeboard. A 6" lockable drain valve should be installed to allow drainage of containment pond into proper waste removal vehicle.

2. TRUCK SHOP GASOLINE TANK

CAPACITY: 1,000 gallons

TYPE: Steel, above ground with liquid level-hand measured

DISPENSING: Gravity with lockable nozzle

LOCATION: 35' south of truck shop

SAFETY: Dispensing nozzle is locked at all times. Attendance required during use. Watchman on

duty 24 hours per day. Filling instructions are posted. There is a dike between this tank and Shitike Creek.

CLEAN-UP: In the event of overflow or rupture, natural flow is east through a drainage ditch into an underground drain pipe, and on into waste water Pond #1. Dam drainage ditch at entrance to underground drain pipe. Spread sawdust from fuel pile over spill area. Remove saturated sawdust to trash burning site. In the event of a large spill, professional clean-up crew will be called. Fire fighting equipment will be placed at ready position. Call professional clean-up crew if needed. Due to the volatile nature, company personnel have been instructed to use extreme caution during clean up.

PROPOSED METHOD OF SPILL PREVENTION:

Construct metal or concrete containment sump with lockable drain valve. Sized as follows: 6" reinforced concrete or 1/4" metal, 10' wide x 20' long x 20" deep. Capacity: 1,000 gallons with 12" freeboard.

3. TRUCK SHOP DIESEL TANK

CAPACITY: 10,000 gallons diesel

TYPE: Steel, above ground with level-hand measured.

Butler Mfg tank. UL listed

DISPENSING: Electrical fuel pump

LOCATION: 35' South of truck shop

SAFETY: Pump is locked at all times. Attendance required during dispensing. Watchman on duty and operating instructions posted.

CLEAN-UP: In the event of overflow or rupture, natural flow of spill is east through a drainage ditch for approximately 200'. At this point, ditch discharges into waste water Pond #1. A dam will be placed at the point where the drainage ditch enters drain pipe. Company personnel will build additional containment dike along north bank of drainage ditch. Company personnel will then spread sawdust from fuel pipe over spill area, to absorb it. Contaminated sawdust can then be removed to fuel pile or trash burning site. Contaminated soil will be removed and replaced with good soil. In the event of a major spill, professional clean-up crew will be called.

PROPOSED METHOD OF SPILL PREVENTION:

Construct metal or concrete containment sump: 12' x 32' x 4.5' high with 6" reinforced concrete or 1/4" mild steel. Capacity: 10,000 gallons with 12" freeboard. Install 4"

lockable drain valve and install breakaway safety connections on pump.

4. TRUCK SHOP OIL TANK

CAPACITY: 1,000 gallons

TYPE: Steel, above ground in building, with sight glass

CONTENTS: UNOCAL 30 wt. oil

LOCATION: 40' Southwest of truck shop

DISPENSING: Electric solenoid operated air pump

SAFETY: Operating switch is accessible to qualified personnel only. Operating instructions are posted. Spill clean-up and prevention instructions are posted. Watchman on duty 24 hours a day.

CLEAN-UP: In the event of overflow or rupture, natural flow is to the east, through a 200' long drainage ditch into an underground drain pipe that discharges into waste water Pond #1. Personnel are instructed to dam the drainage ditch at discharge point and to build an earthen dike around the spill for containment. Company personnel will then spread sawdust from powerhouse fuel pile over spill to absorb it. Contaminated sawdust can then be removed to the fuel pile for burning. Contaminated soil will

be removed and replaced with good soil.

PROPOSED METHOD of SPILL PREVENTION:

Construct concrete or metal containment sump 10' x 12' x 2.25' high with reinforced 6" concrete or 1/4" mild steel. Capacity: 1,000 gallons with 12" of freeboard. Install lockable 2" drain.

5. MACHINE SHOP OIL STORAGE TANK

CAPACITY: 1,000 gallons

DISPENSING: Gravity Flow

TYPE: Steel,above ground with sight glass. UL listed

CONTENTS: UNOCAL AW 105

LOCATION: East side of the machine shop

SAFETY: Lockable valve with spout cap

CLEAN-UP: Monitored daily and watchman is on duty. In the event of overflow or rupture, company personnel will construct an earthen dike around the spill. Sawdust from powerhouse fuel pile will then be spread over spill area. Sawdust will then be returned to fuel pile and mixed in for burning. Contaminated soil will be removed and replaced with good soil. Call for outside assistance if needed.

PROPOSED METHOD of SPILL PREVENTION:

Construct concrete or metal containment sump

12' x 12' x 2.1' high with 6" reinforced concrete or 1/4" mild steel. Capacity: 1,000 gallons with 12" freeboard. Install lockable drain valve.

6. SAWMILL OIL STORAGE TANK

CAPACITY: 1,500 gallons

DISPENSING: Gravity

TYPE: Steel, above ground with sight glass

CONTENTS: UNOCAL AUX 46 Oil

LOCATION: Northwest corner sawmill

SAFETY: Lock type valve. Watchman on duty

CLEAN-UP: In the event of overflow or rupture, company earth moving equipment will construct earthen dike on south side of tank. Sawdust from powerhouse will be spread over spill to absorb it. Sawdust will then be returned to fuel pile and mixed in for burning. Contaminated soil will be removed to the trash burning site and replaced with good soil. Call professional clean-up crew if needed.

PROPOSED METHOD OF SPILL PREVENTION:

Construct concrete containment basin 12' x 12' x 2.4' with 6" reinforced concrete or 1/4" mild steel. Capacity: 1,500 gallons with 12" freeboard.

Install lockable drain valve for waste removal. Oil should be filtered and reused to minimum losses.

7. PREFAB SHOP OIL STORAGE TANK

CAPACITY: 1,500 gallons

DISPENSING: Electric solenoid valve

TYPE: Steel, above ground with sight glass

CONTENTS: UNOCAL Gardol 15W40

LOCATION: Northwest corner of prefab shop

SAFETY: Electric valve open only when energized. Monitored daily.

CLEAN-UP: In the event of overflow or rupture, company earth moving equipment and personnel will build a dike on south side. Sawdust from powerhouse fuel pile will be spread over spill area. Sawdust will then be returned to fuel pile and mixed in for burning. Contaminated soil will be removed to trash burning site and replaced with good soil. Any oil that may flow into work area will be contained with oil absorbent socks. Professional clean-up crew will be called if needed.

PROPOSED METHOD OF SPILL PREVENTION:

Construct 6" concrete or 1/4" metal containment basin 12' x 12' x 2.4' high. Capacity: 1,500

gallons with 12" freeboard. Install lockable drain valve.

8. PLYWOOD OIL STORAGE TANK (HOT PRESS HYDRAULICS)

CAPACITY: 1,500 gallons

DISPENSING: Gravity and pump

TYPE: Steel above ground

CONTENTS: UNOCAL Gardol 15W40

LOCATION: Southeast corner of plywood plant

SAFETY: Lockable valve. Electric pump has to be energized and discharge valve opened for discharge. Hourly watchman at night.

CLEAN-UP: In the event of overflow or rupture, company earth moving equipment and personnel will build dike around southern side. Sawdust from powerhouse fuel pile will be spread over spill area. Sawdust will then be returned to fuel pile and mixed in for burning. Contaminated soil will be removed to trash burning site and replaced with good soil. Professional clean-up crew will be called if needed.

PROPOSED METHOD OF SPILL PREVENTION:

Construct concrete or metal containment sump with lockable drain valve. 6" reinforced concrete or 1/4" mild steel, 12' wide x 12' long x 2.4' high. Capacity: 1,500 gallons with

12" freeboard.

9. PLYWOOD GLUE TANKS (3 ea)

CAPACITY:	1) 10,500 gallons
	2) 8,500 gallons
	3) 6,000 gallons
DISPENSING:	Pumped through enclosed system
TYPE:	Steel, above ground for each
CONTENTS:	1) & 2) Borden product Cascophen PF CA16A
	3) Water
LOCATION:	East end of main plywood building (inside)
SAFETY:	Pump dispensing/lockable drain valves
CLEAN-UP:	In the event of a spill or rupture, company personnel and earth moving equipment will construct an earthen dike on the east side of storage area (semi-circle). The drainage ditch located 300' to the south will be blocked off entirely at the point where it enters the culvert that crosses under the road to the river pumps. This drainage ditch will be monitored continually until the spill is cleaned up. Salvageable amounts of Cascophen PF CA16A will be pumped into company water tank for temporary storage. Non-salvageable materials to be removed by professional waste clean-up company.

PROPOSED METHOD OF SPILL PREVENTION:

Construct 6" concrete or 1/4" mild steel containment sump 25' x 40' x 4.5' high with lockable drains. Capacity: 25,000 gallons with 12" freeboard.

10. TURBINE LUBE OIL SUMPS (3 ea)

CAPACITY: 275 gallons/each

DISPENSING: No dispensing

TYPE: Steel, above ground

CONTENTS: UNOCAL Turbine 46 Oil

LOCATION: Lower level Turbine room/Powerhouse

SAFETY: All three tanks have drain valves with screwed on caps. Units have low lube oil pressure alarms monitored hourly 24 hours per day, 7 days per week.

Keys: Powerhouse, personnel office, and mechanics shop.

CLEAN-UP: In the event of a spill or rupture, powerhouse personnel will immediately block off drain line located at southeast corner of lower turbine room (by Worthington air compressor). Personnel will then place oil absorbent booms around spill for containment. Sawdust from fuel pile will be used to absorb spill. Contaminated sawdust will then be placed back

in fuel pile for burning.

PROPOSED METHOD OF SPILL PREVENTION:

The drain line empties into a floor drain that empties into Pond #1 so a containment basin is not needed.

11. PREFABRICATION SHOP DIESEL TANK

CAPACITY: 10,000 gallons

TYPE: Steel, above ground with double wall construction with leak detection monitor and alarm

DISPENSING: Electric pump

CONTENTS: #1 Diesel fuel

LOCATION: 250' south of small log mill stacker

SAFETY: Watchman on duty. Pump is locked during plant off hours. Tank is equipped with a) leak detection system that sounds an alarm and b) an over fill alarm.

CLEAN-UP: In the event of an overflow or rupture, company personnel will build containment dikes around the spill area. Sawdust from the powerhouse fuel pile will be spread over the spill to absorb it. Sawdust will then be returned to the fuel pile for burning. Contaminated soil will be removed and replaced with good soil. Professional clean-up crews will be called if

needed.

Proposed Method of Spill Prevention:

This tank has double wall construction so additional containment is not necessary.

E. Amendment of SPCC Plan by the Owner:

Warm Springs Forest Products Industries is currently in the process of planning some major manufacturing changes. Changes in the up grading of S.P.C.C. Plans will be needed upon completion of construction.

When there is a significant change in facility design, construction, operation, or maintenance that may affect the facility's potential for oil discharge to surface waters, the SPCC Plan must be updated. The amendments shall be implemented as soon as possible but not later than six months after such major changes occur. In addition, the SPCC Plan must be reviewed and amended every three years by the owner. All amendments must be certified by a Professional Engineer in order to become effective.

The EPA Regional Administrator can also require an amendment to be made to an owner's SPCC Plan, but there is a provision for an appeal to those required amendments. Civil penalties can be imposed to violators of SPCC Plans of up to $5,000.00 per day for each day such violation occurs.

V. OIL SPILL CONTINGENCY PLAN

In the event of a significant oil spill which threatens the navigable waters of the state, the following contingency plan will be enacted. It is noted that such major spills will usually be associated only with transportation accidents where spilled contents may reach storm drains or bodies of water.

1. The driver/operator will immediately make every effort within safe limits to plug, close, or otherwise stop the source of the spill.

2. The driver/operator will make every safe effort to contain the spill to prevent contact with storm drains, lakes, rivers, streams, or other bodies of water. This will include the use of absorbents, soil, sandbags, or other equipment at his disposal. Block all drains and or ditches. Build a dike around the spill.

3. The driver/operator should immediately summon assistance from management, police, fire departments, or other responsible parties.

   1) Business Hours:

Rodger Holcomb	Phone #37	553-1225
Robert Macy	Phone #28	553-1131

2) After hours or weekends:

Powerhouse ext. 109 or 553-2109.

Powerhouse operator will contact one of the above.

3) Warm Springs Fire Department 911

The Warm Springs Fire Chief will determine if additional response help is needed. The Fire Chief may contact the following agencies for assistance if spilled oil contacts the waters of the state:

Oregon Emergency Response (in Oregon)	1-800-452-0311
(out of state)	503-378-6377
Department of Environmental Quality	1-800-452-0311
(spills along Highway 26 only)	
U.S. Coast Guard	240-9300 or 240-9301
(spills affecting navigable rivers)	
Environmental Protection Agency	1-800-424-8802
(anywhere on the reservation)	

If professional clean-up crew is needed:

Riedel Environmental 1-800-334-0004, 24 Hours a day

4. The driver/operator/maintenance personnel should prevent any further migration of the spill to the best of his ability and prevent access to the spill site by unqualified individuals and traffic. He should eliminate any sources of ignition and cordon off the area until assistance arrives. Every effort

should be made to notify the appropriate police and fire departments by dialing 911 emergency services telephone number and evacuate the immediate vicinity to a safe location if any highly flammable oils are involved.

5. In the event of a spill in excess of 1000 gallons in a single event or two discharges occur with "harmful quantities" within a twelve month period, a complete report (Appendix C) must be prepared. Harmful quantities are those that affect water quality standards or causes a film or sheen upon water or shorelines.

   The report should include:

   1. Date and time of spill.
   2. Waters polluted.
   3. Cause and failure analysis.
   4. Corrective actions taken.
   5. Additional preventative measures to be taken.
   6. A record of contact, within 24 hours, with the EPA and/or U.S. Coast Guard reporting the spill, as required by law.

   The "spill event record" should be filled out by the maintenance man that made the observation and given to his supervisor within five working days of the spill event. After review by the supervisor, the record should be attached to the SPCC plan and that record maintained for a period of three years.

VI. PERSONNEL AND TRAINING

Personnel Training

The maintenance personnel should be instructed in the proper operation and maintenance of the refueling equipment to prevent the discharges of oil and in the applicable pollution controls, laws, rules, and regulations. There should be periodic briefings about the SPCC Plan and any possible modifications. In addition, such briefings should highlight and describe any known spill events and failures, any malfunctioning components, and any recently developed precautionary measures.

Responsibility

Someone should be appointed the designated SPCC Plan person. That management person should be accountable for oil spill prevention, maintain the spill event record, recommend amendments to the Plan, be responsible to the appropriate authorities for compliance, and report to the top management periodically.

VII. OPERATING PROCEDURES

1. Corrosion Protection

All corrosion protection is achieved through appropriate surfacing materials. No cathodic protection is used. Paint systems must be inspected yearly and all rust removed prior to repainting.

2. Refueling/Resupplying Tank Inspections

During transport truck refueling or storage tank refilling, overfilling will be readily visually apparent. The drivers must be alert during any refuelling operations and manually fill the tanks - no blocking the fill nozzles open. The quantity of oil must be checked prior to refilling the tanks.

The facility must be inspected monthly and the pumps, piping, and safety shut off equipment checked. The inspecting person must sign the inspection record. Management must be notified of any deficiencies and they must schedule corrective work if necessary.

3. Security

A record will be kept of all keys assigned to employees. Pump locks must be properly maintained and all area lights must be kept operational.

4. Warning Signs

Warning signs must be displayed regarding dispensing and tank filling methods.

Instructions and company regulations relating to spill prevention and clean-up have been posted and must be maintained.

VIII. RECOMMENDED ACTIONS

The following items should be implemented as soon as possible and made a part of the Spill Prevention Control and Countermeasure Plan.

1. Construct Proposed Methods of Spill Prevention in SPCC section Individual Spill Containment and Prevention Measures.
2. Post emergency telephone numbers at the facility.
3. Post the following warning signs for fuel and oil tanks:

FUEL TANKS

CAUTION

PREVENT HAZARDOUS SPILLS

1. Fuel dispensing must be attended at all times.
2. Before filling tank:
   - A. Check tank level
   - B. Position valves correctly
   - C. Attend at all times
   - D. Close fill spout when finished

OIL TANKS

CAUTION

PREVENT HAZARDOUS SPILLS

1. Oil dispensing must be attended at all times.

2. Close discharge valve and cap line when complete.

3. Before filling this tank:

   A. Check the level

   B. Position valves correctly

   C. Attend at all times while filling

   D. Close fill spout when finished

GLUE TANKS

CAUTION

PREVENT HAZARDOUS SPILLS

1. Before filling this tank:

   A. Check tank level

   B. Position valves for correct position

   C. Tanks must be attended at all times while filling

APPENDIX

A

PERSONNEL TRAINING

No person will be allowed to operate the refueling equipment until he has been instructed in and has demonstrated satisfactorily proficiency in the following:

1. An ability to handle the facility non-transportation related equipment.

2. Thorough knowledge of grade and name of all products handled.

3. Knowledge of all operating and spill contingency procedures outlined in this plan.

Training will be held, as necessary, as determined by the operations manager.

APPENDIX

B

SPILL EVENT DEFINITION

"Spill Event" means any discharge of oil, from this non-transportation related facility, directly or indirectly into or upon the navigable waters of the United States.

If this facility has one Spill Event of more than 1000 U.S. gallons of oil into or upon the navigable waters of the United States, or two Spill Events involving discharge of harmful quantities of oil (as defined by Part 110) within any twelve month period, the owner shall submit the following information to the Environmental Protection Agency Regional Administrator within 60 days of the occurrence, in the manner prescribed by 40 CFR 112.4(a). (See spill contingency plan section). Non-compliance with this requirement can result in a civil penalty of up to $5000/day for each day the violation continues.

For each such "Spill Event" maintain a record in this section providing the following detail:

1. Date and time.
2. Navigable waters polluted.
3. Cause, including a failure analysis of the system or operational procedures involved.

4. Corrective actions and/or countermeasures taken:

   a. Procedural changes, if any.

   b. Equipment repairs and/or replacement.

   c. Equipment added.

5. Any additional preventive measures taken to minimize recurrence. The report to the EPA Regional Administration shall also include a complete copy of the SPCC Plan that includes:

   a. Any amendments.

   b. Written description of the facility including maps, equipment, description, and location.

   c. Facility name, owner, location, date and year of initial facility operation.

APPENDIX

C

SPILL EVENT RECORD

NAME: Warm Springs Forest Products Industries

LOCATION: Highway 26, Warm Springs, Oregon 97761

OWNER: Confederated Tribes of the Warm Springs Reservation

INITIAL OPERATION: May 1967

Date of Spill Event: _____

Time: _____

Navigable Waters Polluted: _____

1. Cause: _____

_____

_____

_____

_____

_____

_____

2. Corrective Actions and/or Countermeasures Taken: _____

_____

_____

_____

_____

_____

_____

SPILL EVENT RECORD (CONTINUED)

3. Additional Preventive Measures, if any: _____

_____

_____

_____

_____

_____

Spill Event Recorder: _____ (Worker)

Reviewed By: _____ (Supervisor)

NOTE: Place a copy of this "Spill Event Record" in the SPCC Plan and maintain the copy for a period of three years.

APPENDIX

D

INSPECTION PROCEDURES

Name of Facility: Warm Springs Forest Products Industries

1. The following items to be inspected monthly.
2. Mark with (x) if satisfactory of (-) if not satisfactory.
3. Items not satisfactory to be corrected on priority basis.
4. Person making inspection to initial report.
5. Copy of this report to be kept on file minimum of 3 years.

YEARS

		JFMAMJJASOND	JFMAMJJASOND
1. Waste water evaporative ponds			
1. Pond #1	374,000		
2. Pond #2	673,000		
2. Truck Shop Gasoline Tank	1,000		
3. Truck Shop Diesel Tank	10,000		
4. Truck Shop Oil Tank	1,000		
5. Machine Shop Oil Storage Tk.	1,000		
6. Sawmill Oil Storage Tank	1,500		
7. Prefab Shop Oil Storage Tank	1,500		
8. Plywood Oil Storage Tank	1,500		
9. Plywood Glue Tanks			
1. Tank #1	10,500		
2. Tank #2	8,500		
3. Tank #3	6,000		
10. Turbine Lube Oil Sumps			
1. Tank #1	275		
2. Tank #2	275		
3. Tank #3	275		
11. Prefab Shop Diesel Tank	10,000		

Above tanks shall inspected for the following:

1. Housekeeping _____
2. Pump & Lock _____
3. Piping Leaks _____
4. Basin Leaks _____
5. Corrosion _____
6. Alarm Systems _____

Number	Item Reported	By	Date

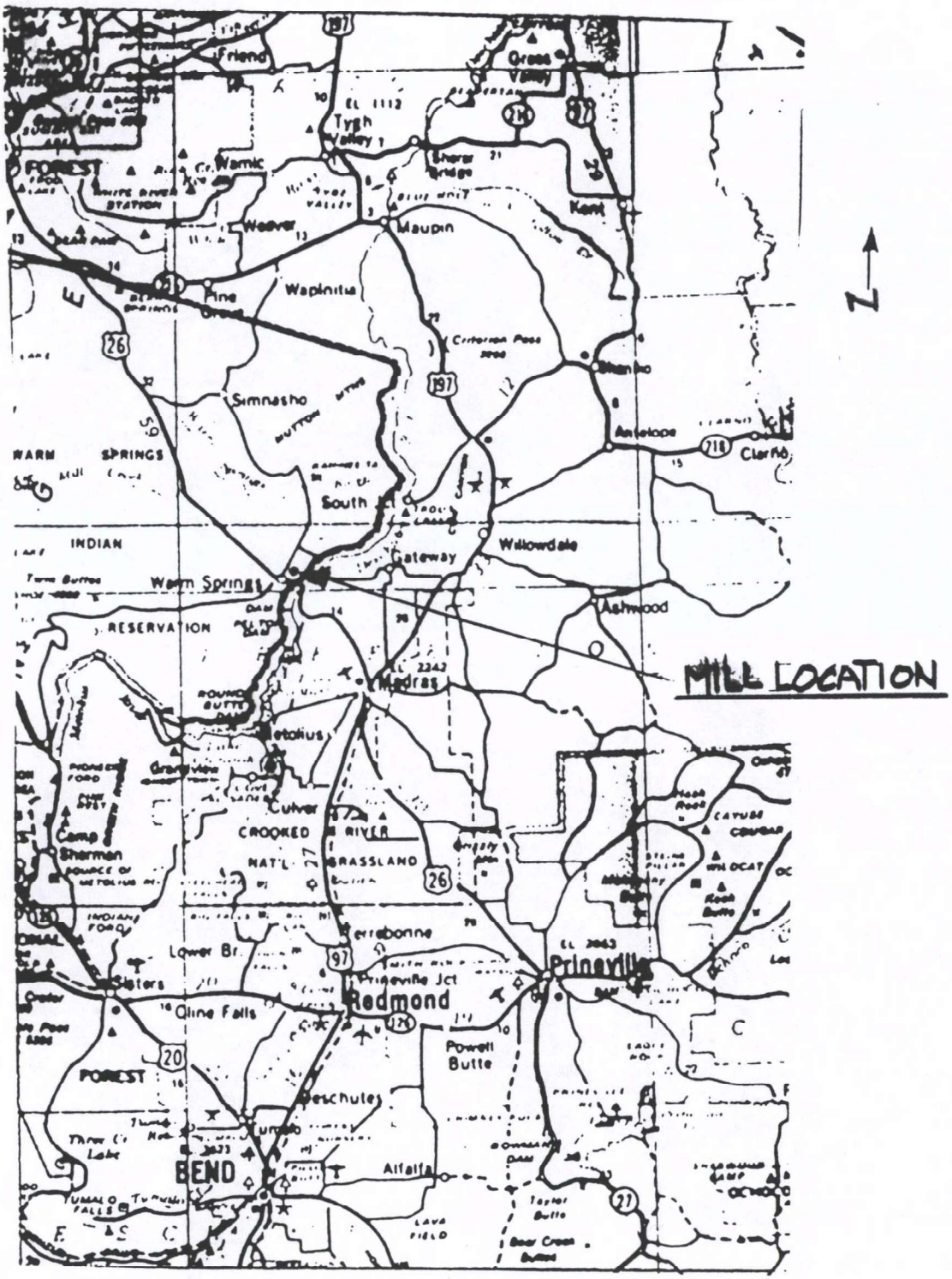
APPENDIX

E

REVIEW DATES

This Spill Prevention Control and Countermeasure Plan has been reviewed on the indicated dates. If amendments were required, a Professional Engineers reviewed the amendments and signed below. A review of the SPCC Plan must be completed at once every three years.

DATE	SIGNED by OWNER	AMENDMENT	PE CERTIFICATION



TITLE: LOCATION MAP

FIGURE 1

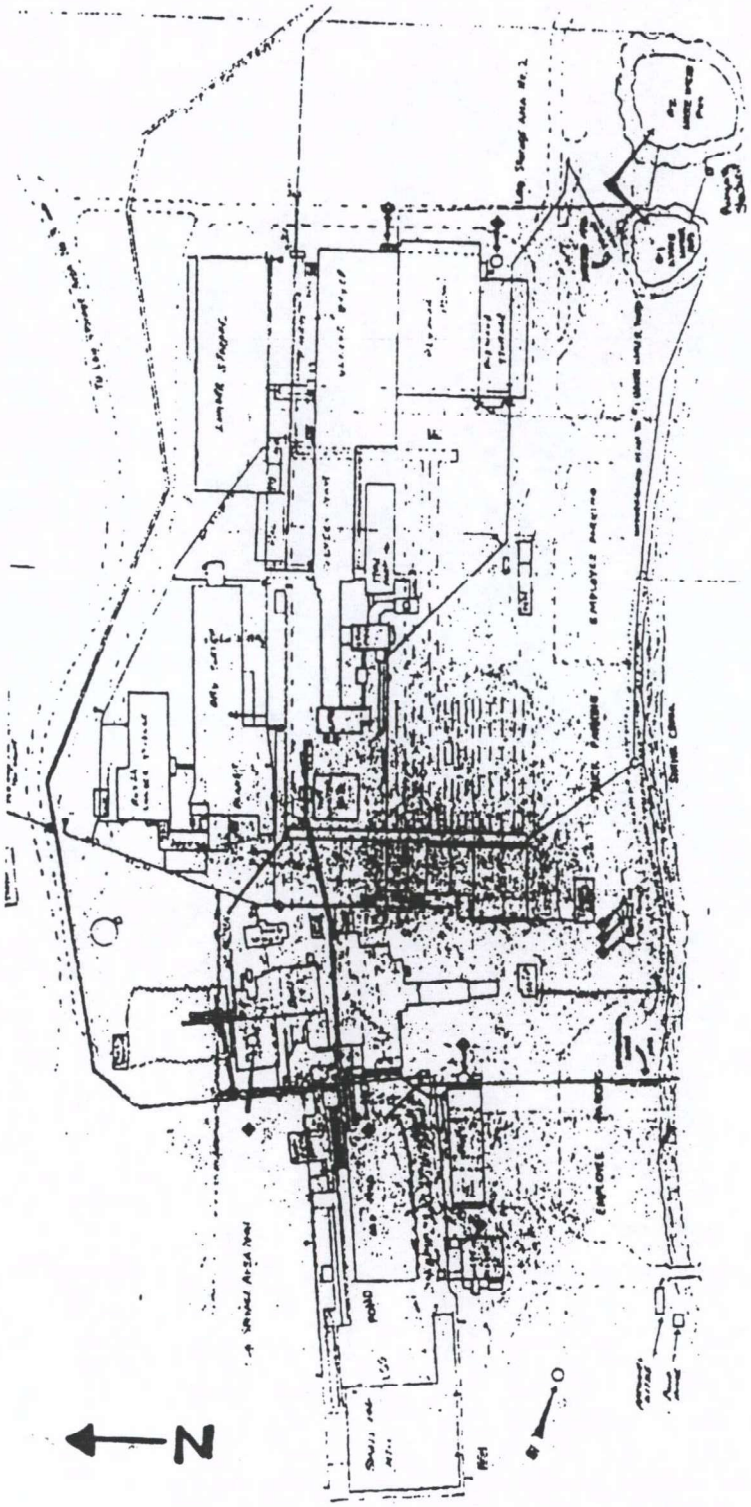
REVISIONS	DATE	APPR'D

DRAWN: WPC	CHECKED: WPC
PROJECT NO: 043001	
DATE: 12/90	SCALE: NTS
AUTOCAD V/10 WSSPCC	SHEET 39 OF
1/4" = 1'	

SERAC ENGINEERING INC.
P.O. BOX 1547 (503) 389-5383
BEND, OR 97709

CLIENT:
WARM SPRINGS
FOREST PRODUCTS
INDUSTRIES
P.O. BOX 810
WARM SPRINGS
OREGON 97761

REGISTERED PROFESSIONAL ENGINEER 9010 OREGON OCTOBER 15, 1976 WARD P. CRANE



TITLE: SITE PLAN & CONTAINMENT SYSTEMS

FIGURE 2

REVISIONS	DATE	APPR'D

SERAC ENGINEERING INC.
P.O. BOX 1547 (503) 389-6383
BEND, OR 97709

CLIENT:
WARM SPRINGS
FOREST PRODUCTS
INDUSTRIES
P.O. BOX 810
WARM SPRINGS
OREGON 97761

DRAWN: WPC	CHECKED: WPC
PROJECT NO: 043001	
DATE: 12/90	SCALE: NTS
AUTOCAD V/10 WSSPCC	SHEET 40 OF
1/4"=1'	

REGISTERED PROFESSIONAL ENGINEER 9010
OREGON
OCTOBER 15, 1976
WARD P. CRANE