

The following is a sample SPCC Plan for a small facility in the Midwest which stores petroleum products. This fictional sample is intended to serve as an example for facilities that are required to prepare an SPCC Plan. Individual facilities are different so each SPCC Plan will be different, and the level of detail in each Plan will be based on the design and size of the facility. A site diagram or diagrams which illustrate the design and organization of a facility [e.g., drainage patterns, location(s) of spill equipment, etc.] must be included. The statements in this document are intended solely as guidance. This document is not intended and cannot be relied upon to create rights, substantive or procedural, enforceable by any party in litigation with the United States.

C:\ SamplePlan

draft no. 15 10-22-02

SAMPLE DOCUMENT

SPILL PREVENTION, CONTROL AND COUNTERMEASURES (SPCC) PLAN

BENSO'S MARINA 100 NEVERSPILL ROAD PURE WATER, WI 12345

Date of Facility's First Plan: June 14, 1996

Date of Last Plan Amendment / P.E. Certification: October 15, 2002

Date of Last Plan Review: October 15, 2002

Designated staff person responsible for spill prevention: Abby MacKenzie

EMERGENCY TELEPHONE NUMBERS:

Notification Contacts:

1. Facility manager, Abby Mackenzie (123) 222-3333
2. National Response Center (800) 424-8802
3. State of Wisconsin Emergency Response Commission (123) 555-XXXX

Clean-up Contractors:

1. E-Z Clean Environmental (123) 222-3038
2. O.K. Engineering Co. (123) 222-2207

Supplies and Equipment

1. Oil City Equipment Co. (123) 222-8372
2. Northwestern Sorbent Co. (123) 222-9217

TABLE OF CONTENTS

P. E. Certification and Management Approval	PAGE	3
Plan Amendments		4
Five Year Plan Review Summary		6
Location of Plan Statement		7
Spill Experience/History		7
Introduction		8
Facility Information/General Description		9
Facility Requirements	10	
Facility Diagram		12
Potential Equipment Failures		13
Containment and Diversionary Structures		14
Demonstration of Practicability		14
Inspections and Records		15
Personnel Training and Spill Prevention Procedures		15
Security		16
Tank Truck Loading/Unloading Rack		16
Facility Drainage		17
Bulk Storage Tanks		17
Transfer Operations		19
ATTACHMENTS:		
A. Substantial Harm Criteria Determination Checklist		20
B. Drainage Event Records		21
C. Inspection Checklist		22
D. Notification- Reportable Spill Events		26
E. Training Records		27

PROFESSIONAL ENGINEER CERTIFICATION 40 CFR 112.3 (d)

CERTIFICATION: By means of this certification, I attest that I am familiar with the requirements of provisions of 40 CFR Part 112, that I or my designated agent have visited and examined the facility, that this SPCC Plan has been prepared in accordance with good engineering practices, including consideration of applicable industry standards, and with the requirements of this Part, that procedures for required inspections and testing have been established and that the Plan is adequate for the facility.

Engineer: Eric Simmons Registration Number: 454647 State: Commonwealth of Virginia

Signature: Eric Simmons Date of Plan Certification: June 14, 1996

**SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
MANAGEMENT APPROVAL 40 CFR 112.7**

I hereby certify that the necessary resources to implement this Plan have been committed.

Abby MacKenzie

Abby MacKenzie, Facility Manager

June 14, 1996

Date

**CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL
HARM CRITERIA CHECKLIST (C-II Form)**

Please see Attachment A on page 19.

***SPCC Plan Amendment No. 1
Benzo's Marina***

Amendment No.1: High level liquid alarms have been added to AST's 1 & 2. Inspections to assure their proper operation will be conducted and recorded in the Weekly Facility Inspection Checklist, Attachment C, to this Plan.

PROFESSIONAL ENGINEER CERTIFICATION

CERTIFICATION: I hereby certify that I have examined the facility and, being familiar with the provisions of 40 CFR Part 112, attest that this SPCC Plan Amendment has been prepared in accordance with good engineering practices. Furthermore one high liquid level alarm (model no. UI72-AZ1) has been installed on Tanks 1 and 2 according to manufacturer's and UL specifications.

Engineer: Eric Simmons Registration Number: 454647 State: Commonwealth of Virginia

Signature: Eric Simmons Date of Amendment No. 1 Certification: March 23, 1997

**SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
MANAGEMENT APPROVAL**

This SPCC plan Amendment is fully approved by the management of Benzo's Marina and has been implemented as described herein.

Abby MacKenzie

Abby MacKenzie, Facility Manager

3-23-97

Date

***SPCC Plan Amendment No. 2
Benzo's Marina***

Amendment No.2: Modified the Plan to be in conformance to the Rule Change which went into effect on August 17, 2002.

PROFESSIONAL ENGINEER CERTIFICATION

CERTIFICATION: I hereby certify that I have examined the facility and, being familiar with the provisions of 40 CFR Part 112 including the August 17, 2002 Rule Change, I attest that this SPCC Plan Amendment has been prepared in accordance with good engineering practices.

Engineer: Eric Simmons Registration Number: 454647 State: Commonwealth of Virginia

Signature: Eric Simmons Date of Amendment No. 2 Certification: October 15, 2002

**SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
MANAGEMENT APPROVAL**

This SPCC plan Amendment is fully approved by the management of Benso's Marina and has been implemented as described herein.

Abby MacKenzie
Abby MacKenzie, Facility Manager

10-15-02
Date

FIVE YEAR REVIEW PLAN SUMMARY PAGE

In accordance with 40 CFR 112.5(b), a review and evaluation of this SPCC Plan is conducted at least once every three years prior to August 16, 2002, and at least once every 5 years after August 17, 2002.. These reviews and evaluations are recorded below:

<u>Reviewer (signature)</u>	<u>Reviewer (print)</u>	<u>Date</u>	<u>Comments</u>	<u>Is P.E. re-certification required ? Yes or No</u>
1. <i>Abby MacKenzie</i>	Abby MacKenzie	3-21-93		no
2. <i>Abby MacKenzie</i>	Abby MacKenzie	2-11-96		no
3. <i>Abby MacKenzie</i>	Abby MacKenzie	3-23-97		yes
4. <i>Abby MacKenzie</i>	Abby MacKenzie	3-01-00		no
5. <i>Abby MacKenzie</i>	Abby MacKenzie	10-15-02	Completed a review and evaluation To have amended plan be in compliance with Rule Change.	yes
6.				
7.				
8.				
9.				

A complete copy of the SPCC Plan is maintained at the office of this facility per 112.3 (e)(1).

SPILL EXPERIENCE/HISTORY

<u>Description of Spill</u>	<u>Corrective Actions Taken</u>	<u>Plan for Preventing Recurrence</u>
On 4-07-97, tank 2 was overfilled during refilling after visual level gauge failed. Approximately 300 gallons were spilled.	Diesel fuel spilled within secondary containment and was cleaned-up according to state requirements or levels using absorbents. Contaminated soil was removed and replaced with similar clay-bentonite material.	High level alarms were installed on all outside AST's. The level indicators and alarms are regularly tested (weekly) to ensure proper operation

INTRODUCTION

Spill Prevention, Control, and Countermeasure (SPCC) plans for facilities are prepared and implemented as required by the U.S. Environmental Protection Agency (U.S. EPA) Regulation contained in Title 40, Code of Federal Regulations, Part 112, (40 CFR 112). A non-transportation related facility is subject to SPCC regulations if: the aggregate aboveground capacity of the facility exceeds 1,320 gallons (excluding those tanks and oil filled equipment below 55 gallons in capacity) or if the aggregate underground capacity of the facility exceeds 42,000 gallons (excluding those that are currently subject to all of the technical requirements of 40 CFR Part 280 or all of the technical requirements of state programs approved under 40 CFR Part 281.); and if, due to its location, the facility could reasonably be expected to discharge oil into or upon the navigable waters or adjoining shorelines of the United States.

An SPCC plan is not required to be filed with the US EPA, but a copy must be available for on-site review by the Regional Administrator (RA) during normal working hours. The SPCC plan must be submitted to the US EPA Region 5 RA and the state agency along with the other information specified in Section 112.4 (a) if either of the following occurs:

1. The facility discharges more than 1,000 gallons of oil into or upon the navigable waters of the United States or adjoining shorelines in a single spill event; **or**
2. The facility discharges oil in quantities greater than 42 gallons in each of two spill events within any twelve month period.

The following spill information must be submitted to the RA within 60 days if either of the above thresholds is reached. This report is to contain the following information (112.4 (a)):

1. Name of the facility.
2. Name of the individual submitting the information.
3. Location of the facility.
4. Maximum storage or handling capacity of the facility and normal daily throughput.
5. The corrective actions and/or countermeasures taken, including adequate description of equipment repairs and/or replacements.
6. Description of the facility including maps, flow diagrams, and topographical map..
7. The cause(s) of such spill(s), including a failure analysis of system or subsystem in which failure occurred.
8. Additional preventive measures taken or contemplated to minimize the possibility of recurrence.
9. Such other information as the Regional Administrator may reasonably require that is pertinent to the plan or spill event(s).

The SPCC plan must be amended within 6 months whenever there is a change in facility design, construction, operation, or maintenance that materially affects the facility's spill potential. The SPCC plan must be reviewed at least once every 5 years and amended to include more effective prevention and control technology, if such technology will significantly reduce the likelihood of a spill event and has been proven in the field. All such amendments must be re-certified by a registered professional engineer (PE).

Owners and operators failing or refusing to comply with this federal regulation are liable to a civil administrative penalty of up to \$11, 000 per day (up to a maximum of \$ 127, 500) or judicial civil penalties of up to \$ 27, 500 per day.

If the owners and operators of a facility that are required to prepare an SPCC plan and are not required to submit a Facility Response Plan, the SPCC plan should include a signed certification form, provided in Attachment A (per Appendix C to 40 CFR 112).

FACILITY INFORMATION

Name: Benso's Marina

Mailing Address: P.O. Box 311 K
Pure Water, WI 12345

Street Address: 100 Neverspill Road
Pure Water, WI 12345
(123) 222-2222

Owner: Ben Sophie
P.O. Box 0002
Green Bay, WI 12345

Facility Contact: Abby MacKenzie
(123) 222-2222

Location: Along Beaver River about 2 miles north of its confluence with the Chopank River at Holland Point. Road access is from WI state Road ZZ. The site is located on Talbot County AOC Map 22(H5). Latitude is 40 deg 00 min 00 sec North and longitude is 77 deg 00 min 00 sec West.

GENERAL DESCRIPTION

Benso's Marina has 600 wet slips and 200 dry slips. There is a pump-out station, a commercial fuel dock, a travel lift, a hydraulic trailer, and a fork lift. In addition, there is a ship's store, restrooms, laundry facilities, a pavilion, a picnic area, and offices.

Fixed and Mobile Storage:

tank 1 (AST)	10, 000 gallon gasoline
tank 2 (AST)	10, 000 gallon diesel
tank 3 (AST)	500 gallon used oil (presented for information only)
tank 4 (UST)	3, 000 gallon oil / water separator (not regulated under 40 CFR 280 or 281 but considered as being a waste treatment unit except for the oil section)
3- drums (AST's)	55 gallon each (spent oil filter storage)
1- Spent oil filter crusher unit	10 gallon used oil (presented for information only)
10- cases	60 gallons lube and motor oils (presented for information only)

Total regulated oil storage capacity: 23, 165 gallons

40CFR 112.7 GENERAL REQUIREMENTS

112.7 (a)(1)

This facility is in complete conformance to the SPCC Regulation which became effective on August 16, 2002.

112.7 (a)(2)

In complying with all applicable requirements of the SPCC Regulation, no deviations were employed or claimed in this Plan.

112.7 (a)(3)

112.7 (a)(3)(i):

See the Facility Diagram (plot plan sketch) on page 11 for the location of the storage tanks and general arrangements of the facility. Also provided on this diagram are storm water drain inlets and flow (slope) directions of rain water (and spilled oil paths). As required under this section, this facility diagram indicates the location and contents of each container. Also listed are the UST's (otherwise exempted), all transfer stations, and connecting pipes.

112.7 (a)(3)(ii)

The loading rack is used to transfer oil from the tank trucks to Tank 1 and Tank 2 through a transfer station.

112.7(a)(3)(iii)

The loading rack described above is provided with adequate secondary containment to contain the largest compartment of any tank truck utilized in the facility.

112.7 (a)(3)(iv) & (v)

Spill kits are utilized to clean-up minor spills and their locations are described in 112.7 (c)(1)(iv) on page 13. Clean-up contractors are utilized to handle large spills.

112.7 (a) (3) (vi)

See the cover page of this Plan list of clean-up contractors and equipment supply vendors. The spill notification contacts are also provided on the cover page.

112.7 (a)(4)

See Attachment D, Discharge Report, on page 25, which must be filled-out prior to reporting a spill report to the proper notification contacts. This will help remind the operator of the procedures which must be followed and the information which must be furnished.

112.7 (b) Potential Equipment Failures Resulting in Spills

See the list of Potential Equipment Failures on page 13.

SUBJECT: BENZO'S MARINA
PLOT PLAN SKETCH

MADE BY: RCM DATE: 11-09-95

CHECKED BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____

CONTRACT NO. _____

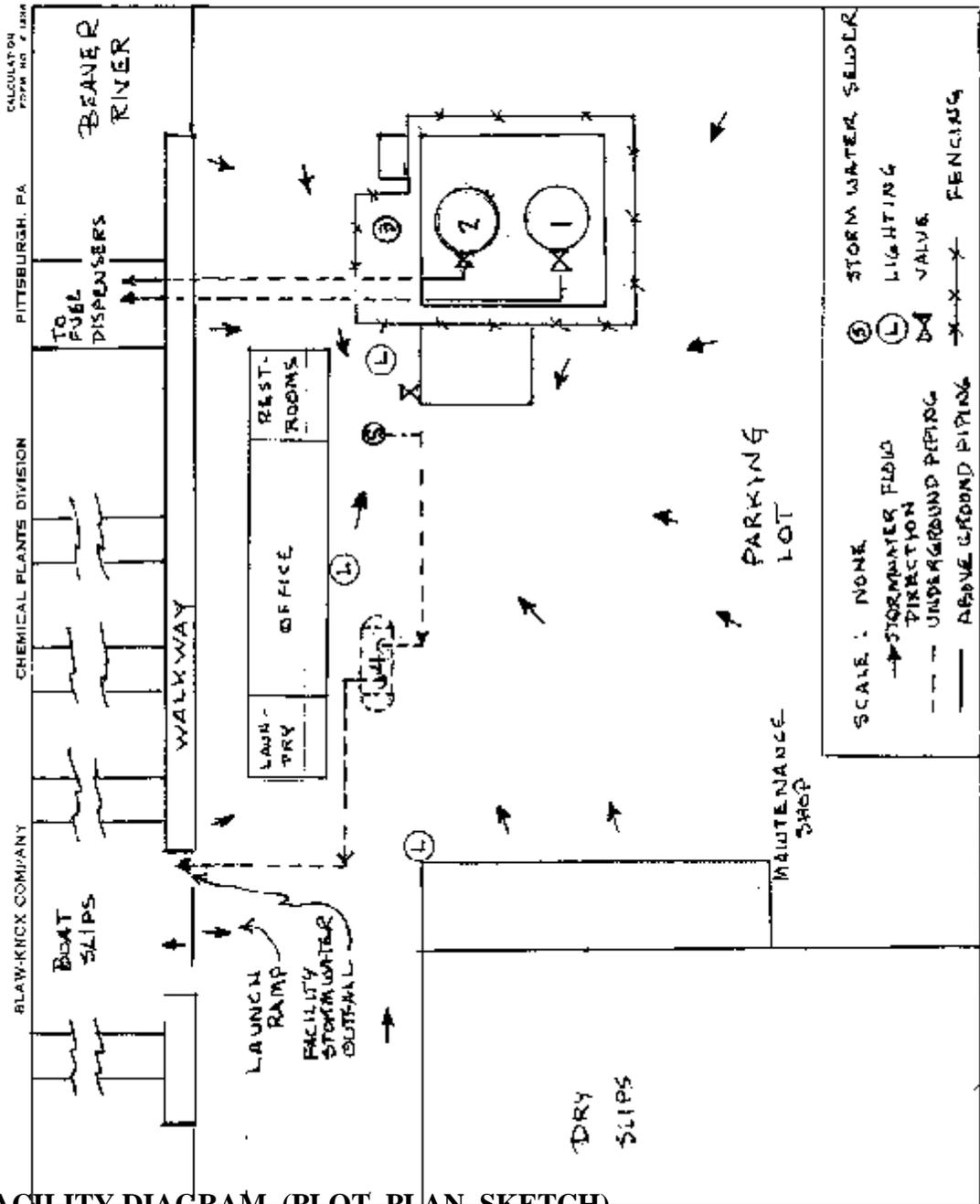
FLOW SHEET NO. _____

AREA NO. _____

ITEM NO. _____

DRAWING NO. _____

PAGE 1 OF 1



FACILITY DIAGRAM (PLOT PLAN SKETCH)

POTENTIAL EQUIPMENT FAILURES

<u>Potential Failure</u>	<u>Spill Direction</u>	<u>Volume Released</u>	<u>Spill Rate</u>
Complete failure of a full tank	East to Beaver River	10, 000 gallons	Instantaneous
Partial failure of a full tank	East or North to Beaver River or to oil / water separator	up to 10, 000 gallons	Gradual to Instantaneous
Tank overfill	East or North to Beaver River or to oil / water separator	up to 2, 000 gallons	Up to 50 gallons / minute
Pipe failure	East or North to Carol Creek or to oil / water separator	up to 10, 000 gallons	Up to 50 gallons / minute
Leaking pipe or valve packing	East or North to Beaver River or to oil / water separator	up to several gallons	Gradual

Tank truck leak or failure	To oil / water separator	up to 2, 000 gallons	Gradual to instantaneous
Hose leak during transfer	To oil / water separator	up to 50 gallons	Up to 50 gallons / minute
Pump rupture or failure	To oil / water separator	up to 50 gallons	Up to 50 gallons / minute
Oil / water separator	East to Beaver River	up to 10, 000 gallons	Up to 50 gallons / minute

112.7 (c)(1) CONTAINMENT AND DIVERSIONARY STRUCTURES

112.7 (c)(1)(i).

A dike is provided around tanks 1 and 2 (10, 000 gallons capacity each) which store gasoline and diesel fuel, respectively. The floor and walls of the containment is a clay - bentonite mixture and has been determined to be impervious. It was applied under the supervision of a soils engineer and done in conformance to his specifications. The containment capacity has 11, 500 gallons to allow sufficient freeboard for precipitation (15% or 4" for the 25 year, 24 hour worst rainfall event). The used oil AST (tank 3) utilizes its double wall design as secondary containment. The 55 gallon drums are placed on spill pallets inside the maintenance shop where 60 gallons of secondary containment is provided. Any spills in the building are directed away from all floor drains and doorways (via sloped floors) and the building's walls are impervious (via coated concrete with caulking) at the base where spills could accumulate.

112.7 (c)(1)(ii)

Curbing is used in the loading and unloading area for tank trucks to provide secondary containment. This curbed area provides a catchment basin of 2, 230 gallons which is larger than the largest compartment of the petroleum suppliers' trucks which normally have 2, 000 gallons capacity maximum. The curbing is fitted with a valve which is closed during any transfer operation. Normally, the rain water will flow through this valve (normally in the open position) to the collection area described in (iii) below.

112.7 (c)(1)(iii)

Surface drainage is engineered so that oil spilled outside of diked or curbed areas will drain away from the docks and water and flow to a low point collection area which flows into the oil/water separator (tank 4) in the parking lot. See the facility diagram on page 11 for the rain water/oil flow directions. The oil/water separator's outlet valve must be readily closed in the event of a major spill.

112.7 (c)(1)(iv)

Weirs, booms, and other barriers are stored in the shed next to the oil tanks 1 & 2. Two 300 foot sections of boom, 600 pounds of "oil dry", and seven boxes of 2 ft. X by 3 ft. absorbent pads are standard inventory for the facility. These inventories are checked monthly to replenish used materials.

40 CFR 112.7 (d) DEMONSTRATION OF PRACTICABILITY

Benso's management has determined that use of the containment and diversionary structures

and the use of readily available spill equipment to prevent discharged oil from reaching navigable water, is practical and effective at this facility.

40 CFR 112.7 (e) INSPECTIONS AND RECORDS

Daily visual inspections consist of a complete walk-through of the facility to check the following: piping, equipment and tanks for leakage, soils for staining and discoloring, excessive accumulation of rainwater in the dike, verification that the dike drain valve is sealed closed, and to confirm that the facility effluent (from water separator) is free from oil. The level in the oil section of the oil / water separator is visually checked on a monthly basis and after any oil spill which reaches the facility drainage system.

The checklist provided in Attachment C is used during weekly inspections. The items covered in the inspections are performed in accordance with API standards and good engineering practices. This written weekly report (checklist) is prepared, signed by the inspector, and the original copies are maintained on file for three years.

40CFR 112.7 (f) PERSONNEL TRAINING AND SPILL PREVENTION PROCEDURES

40CFR 112.7 (f)(1)

Oil handling personnel have been instructed by management in the operation and maintenance of equipment to prevent discharges, to follow discharge procedure protocols and general facility operations, and to understand the contents of the Benso's SPCC Plan.

40CFR 112.7 (f)(2)

The facility manager, Abby MacKenzie is accountable for oil spill prevention at this facility.

40CFR 112.7 (f)(3)

Yearly spill prevention briefings are provided by management for operating personnel to ensure adequate understanding of the SPCC plan. These briefings highlight any past spill events or failures and recently developed precautionary measures. Training includes oil spill prevention, containment, and retrieval methods. A simulation of an on-site vehicular spill has been conducted and future exercises shall be periodically held to prepare for possible spill responses. Records of these briefings and spill prevention training are kept on the form shown in Attachment E. New employees are trained in SPCC within 2 weeks of starting work.

Instructions and phone numbers regarding the reporting of a spill to the National Response Center and the state are listed on the cover page of this plan and have been posted in the office.

40 CFR 112.7 (g) SECURITY

40 CFR 112.7 (g)

(1)

The three outside AST's are surrounded by steel security fencing and the entrance gate is locked when the facility is unattended. Drums are located in the building which is locked when the facility is unattended.

40 CFR 112.7 (g)(2)

The master flow and drain valves are locked in the closed position when in non-operating or standby status.

40 CFR 112.7 (g)(3)

The electrical starter control center for the oil pumps is located in the office switch gear room. The office is locked when the facility is not in use.

40 CFR 112.7 (g)(4)

The loading and unloading connections of oil pipelines are capped when not in service or when in standby service for an extended time.

40 CFR 112.7 (g)(5)

Two area lights are located in such a position so as to illuminate the office and storage areas. Consideration was given to discovering spills at night and preventing spills occurring through vandalism.

40 CFR 112.7 (h) TANK CAR AND TRUCK LOADING / UNLOADING RACKS

40 CFR 112.7 (h)(1)

Curbing is installed as catchment (2,320 gallons volume) at the vehicle loading / unloading rack area and will hold the single largest compartment of any tank truck servicing the facility which is 2,000 gallons. Details on its operation are described on page 14 of this Plan [40CFR 112.7(c)(1)(ii)].

40 CFR 112.7 (h)(2)

Warning signs and wheel chock blocks are utilized at the loading / unloading racks to prevent premature vehicular departure.

40 CFR 112.7 (h)(3)

The lower-most drain and all outlets on tank trucks are inspected for leaks prior to departure. All deliveries and transfers of oil products are supervised by at least one Benso staff member. Rail tank cars are not utilized in this facility.

40 CFR112.7 (i)

There are no field constructed AST's at this facility.

40 CFR112.7 (j)

There are no other prevention standards that are required to be followed, including other prevention and containment procedures listed in this Part or any applicable State of Wisconsin or local rules, regulations or guidelines.

40 CFR 112.8 (a)- GENERAL REQUIREMENTS

The general requirements for the Plan under the regulation have been met.

40 CFR 112.8 (b) - FACILITY DRAINAGE

112.8 (b)(1)

Drainage from the diked area for tanks 1 & 2 is restrained by a manually operated gate valve to prevent a spill from entering the facility's drainage system. Rainwater buildup at the tank truck rack is restrained by a gate valve which is maintained in the closed position during transfer operations.

112.8 (b)(2)

The dike gate (block) valve in (1) above is normally sealed closed except when draining the secondary containment structure.

112.8 (b)(3)

Spills outside of containment areas will flow by gravity into the oil water / separator where oil will be retained until it can be pumped out.

112.8 (b)(4) & (5)

Not applicable.

40 CFR 112.8 (c)- BULK STORAGE TANKS

112.8 (c)(1)

All of the AST's are of steel construction and are compatible with the oil they contain and the temperature and pressure conditions of storage.

112.8 (c)(2)

Secondary containment volume for tank 1 and 2 is 11,800 gallons (greater than 110 percent of the largest tank). Tank 3 is of double wall design (UL-142 Stamped) and requires no further secondary containment.

Portable storage tanks consist of three 55 gallon drums, which are stored in the maintenance shop, where secondary containment is provided via spill pallets. These drums are not subject to periodic flooding.

112.8 (c)(3) In the only diked area, the loading rack, drainage of rainwater is controlled via the following:

112.8 (c)(3)(i)

The bypass block valve is closed during fuel transfer.

112.8 (c)(3)(ii)

Accumulated rainwater is inspected for the presence of an oil sheen before draining off uncontaminated (oil-free) water.

112.8 (c)(3)(iii)

The bypass valve is opened under supervision only after the fuel transfer is completed and the truck has departed.

112.8 (c)(3)(iv)

Records are kept of drainage events on the form shown in Attachment B.

112.8 (c)(4)& (5)

There are no buried or partially buried storage tanks at the facility.

112.8 (c)(6)

Thickness testing is done on AST's on a bi-yearly basis using a system of non-destructive ultrasonic testing. Comparison records are maintained for five inspections (10 years). Visual inspections are performed daily according to the procedure located on page 14 and

include inspection of tank supports and foundations and are recorded on a weekly basis. Visual inspection test records are maintained for 3 years.

112.8 (c)(7)

There are no internal heating coils at this facility.

112.8 (c)(8)

Each AST (except for the drums) is equipped with a direct-reading level gauge. Venting capacity is suitable for the anticipated fill and withdrawal rates. The gauges are tested in accordance with Attachment C.

112.8 (c)(8)(i)

The oil section of the oil/water separator is equipped with a high level alarm.

112.8 (c)(9)

Plant effluent discharged into Beaver River is observed daily to detect possible upsets in the oil / water separator. Weekly (as well as after oil spills) inspections are conducted of the oil section. If oil is present, it is then removed.

112.8 (c)(10)

Oil leaks which result in a loss of oil from tank seams, gaskets, rivets, and bolts are corrected within 8 hours of detection.

112.8 (c)(11)

They only mobile or portable storage tanks at this facility are the three 55 gallon drums covered in 112.8. (c)(2).

40 CFR 112.8 (d) TRANSFER OPERATIONS, PUMPING, AND IN-PLANT PROCESSES

112.8 (d)(1)

Buried piping in this facility is used to connect the fueling docks with tanks 1 & 2 and is used to service tank 4 (oil / water separator). All buried piping is of double wall design.

112.8 (d)(2)

Pipelines not in service or on standby for an extended period (over 3 months) are capped or blank flanged and marked as to their origin.

112.8 (d)(3)

All pipe supports are designed to minimize abrasion and corrosion and to allow for expansion and contraction.

112.8 (d)(4)

All aboveground pipelines and valves are examined daily to assess their condition and written records are kept on a weekly basis. Pressure testing for piping is conducted as warranted.

112.8 (d)(5)

Warning signs are posted at the entrance to the facility to prevent vehicles from damaging the aboveground pipelines.

40 CFR 112.10, 112.11, & 112.12

Not applicable.

Attachment A

**CERTIFICATION OF THE APPLICABILITY
OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST**

FACILITY NAME: Benso's Marina FACILITY ADDRESS: 100 Neverspill Road
Pure Water, WI 12345

1. Does the facility transfer oil over water to or from vessels and does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?
Yes ___ No X

2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?
Yes ___ No X

3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the formula in Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula¹) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments? For further description of fish and wildlife and sensitive environments, see Appendices I, II, and III to DOC/NOAA's "Guidance for Facility and Vessel Response Environments" (Section 10, Appendix E, 40 CFR 112 for availability) and the applicable Area Contingency Plan.
Yes ___ No X

¹If a comparable formula is used, documentation of the reliability and analytical soundness of the comparable formula must be attached to this form.

4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula (Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula¹) such that a discharge from the facility would shut down a public drinking water intake²?
 Yes ___ No X
5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?
 Yes ___ No X

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Abby McKenzie
 Name (please type or print)

Abby MacKenzie
 Signature

Facility Manager
 Title

06 / 14 / 96
 Date

Attachment B RECORD OF DRAINAGE EVENTS

DATE	OPERATOR	CONDITION OF WATER	VOLUME DRAINED
<i>5-16-02</i>	<i>LEJ</i>	<i>CLEAN</i>	<i>1"</i>

²For the purposes of 40 CFR part 112, public drinking water intakes are analogous to public water systems as described at 40 CFR 143.2(c).(from 40 CFR 112 Appendix C, Attachment C-II)

<i>6-05-02</i>	<i>LEJ</i>	<i>CLEAN</i>	<i>3"</i>
<i>7-30-02</i>	<i>LEJ</i>	<i>CLEAN</i>	<i>4"</i>
<i>8-04-02</i>	<i>LEJ</i>	<i>CLEAN</i>	<i>1"</i>
<i>9-03-02</i>	<i>LEJ</i>	<i>CLEAN</i>	<i>1"</i>

Attachment C **WEEKLY FACILITY INSPECTION CHECKLIST**

<p>Date: <u>9-04-02</u></p> <p>Time: <u>13:15</u></p> <p>Inspector: <u>LEJ</u></p>	<p>X = Satisfactory</p> <p>NA = Not Applicable</p> <p>0 = Repair or Adjustment</p> <p>C = Comment under Remarks/Recommendation</p>

DIKES	
X	Any noticeable oil sheen on runoff
X	Containment area drainage valves closed and locked

X	Oil/water separator systems working properly
X	Effluent from oil/water separator inspected
X	No visible oil sheen in containment area
X	No standing water in containment area
X	Block valve in working order
X	Oil/water separator oil compartment free of oil (monthly inspection)

AST's	
X	Tank condition good (no rusting, corrosion, pitting)
X	Bolts, rivets, or seams not damaged
X	Tank foundation intact
X	Level gauges and alarms working properly
X	Vents not obstructed
X	Valves, flanges, and gaskets free from leaks
X	Containment walls intact
X	Tank and ground surfaces checked for signs of leakage
	Conduct annual leak tests (Next tests due 6-15-03)

OIL/WATER SEPARATOR	
X	Inspect for the presence of oil in oil section

PIPES	
X	Buried pipelines not exposed
X	Out-of-service pipes capped
X	Signs/barriers to protect pipelines from vehicles in place
X	No leaks at valves, flanges, or other fittings
X	No signs of corrosion damage to pipelines or supports

TRUCK	LOADING / UNLOADING AREAS
X	Warning signs posted
X	No leaks in hoses

X	Drip pans not overflowing
X	Catch basins free of contamination
X	Containment curbing or trenches intact
X	Connections capped or blank-flanged
X	No standing water in rack are

SECURITY	
X	Gates have locks
X	ASTs locked when not in use
X	Starter controls for pumps locked when not in use
X	Lighting is working properly
X	Fence and gates intact

TRAINING	
X	Training records are in order (monthly check)
X	Spill prevention briefing held (monthly check)

MISCELLANEOUS MONTHLY	
X	spill kits inventory replenishment

REMARKS / RECOMMENDATIONS:
<i>NONE</i>

Attachment D **NOTIFICATION- REPORTABLE SPILL* EVENTS**

date	
time	
estimated quantity of oil leaving facility	
oil type or product spilled	
facility name	

facility location	
facility phone number	
your name and title	
agencies called	
signature	

* Reportable spill = any amount of oil product leaving the facility

Attachment E

SPCC TRAINING SESSION RECORDS

ATTENDEE	SIGNATURE / DATE	INSTRUCTOR
Larry E. Jones	<i>LEJones</i> 6-1-02	A. Mackenzie
Ralph Smith	<i>RSmith</i> 6-1- 02	A. Mackenzie
Abby Mackenzie	<i>AbbyMackenzie</i> 6-1-02	A. Mackenzie

For electronic copies of this plan, please e-mail your request to :

mccoy.robert@epa.gov