FACT SHEET FOR
ENSCO, INC.
EPA ID NO. AZD982346959

FACILITY DESCRIPTION

ENSCO, Inc., a wholly owned subsidiary of Environmental Systems Company, Inc., has applied for an Arizona Hazardous Waste Management Act (HWMA) and a Resource Conservation and Recovery Act (RCRA) Permit, as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA), and a revised Installation Permit pursuant to Arizona's Air Pollution Control Rules for a proposed hazardous waste management facility (AHWMF) to be located within Township 4 South, Range 1 West, Section 32, Gila and Salt River Base and Meridian (approximately 6 miles west-southwest of Mobile, AZ). The facility would provide for the storage, treatment, and disposal of hazardous wastes as specified in the AHWMF permit.

Permitted tank storage is proposed to be limited to a total volume of 2,275,060 gallons of hazardous waste, including 6,000 gallons in 3 transfer tanks; 1,360,000 gallons in 22 bulk storage tanks; 130,360 gallons in 9 day storage tanks; 146,000 gallons in 11 brine plant tanks; 36,700 gallons in 2 solidification pit tanks; 46,000 gallons in 3 waste water treatment tanks; and 556,000 gallons in 1 landfill leachate holding tank.

Permitted container storage is proposed to be limited to a total of up to 25,377 55-gallon drums (or equivalent gallonage in other sizes) at any one time at the facility.

Permitted treatment is proposed to include three modular incineration systems, each including an MWP-2000 rotary kiln incinerator and a secondary combustion chamber. The incineration systems are designed to incinerate combustible hazardous constituents in liquid, solid or semi-solid materials. The proposed permits include maximum feed rate limitations for each incinerator for the following wastes during the start-up period:

<table>
<thead>
<tr>
<th>Input</th>
<th>Maximum Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid sludges to bucket drop,</td>
<td>4,512 lb/hr</td>
</tr>
<tr>
<td>shredder/auger and sludge lance</td>
<td></td>
</tr>
<tr>
<td>Liquid waste to kiln burner</td>
<td>1,116 lb/hr</td>
</tr>
<tr>
<td>Waste water to kiln</td>
<td>5,800 lb/hr</td>
</tr>
<tr>
<td>Liquid waste to Secondary Combustion</td>
<td>1,116 lb/hr</td>
</tr>
<tr>
<td>Chamber (SCC) burner</td>
<td></td>
</tr>
<tr>
<td>Waste water to SCC</td>
<td>4,400 lb/hr</td>
</tr>
</tbody>
</table>
In addition to the three incineration systems, treatment will consist of one neutralization/mixing tank used to handle dilute, inorganic, and nonvolatile waste waters that are inappropriate for incineration; two waste water evaporation tanks; a brine plant to manufacture a liquid calcium chloride solution from incinerator scrubber liquor; and a solidification process to fixate and solidify all treated residue, sludge, incinerator ash, and all other hazardous wastes that require solidification prior to disposal in a landfill system.

Permitted disposal is proposed to consist of seven landfill cells with a total combined fill capacity of 855,759 yd³. These landfill cells are proposed to be located north of the treatment and storage areas.

**WASTES TO BE HANDLED**

The AHWMF will have the capability of storing, treating, and disposing of all organic and inorganic hazardous wastes regulated by the AHWMA, except for the following (which will not be handled at the AHWMF):

1) Materials with a U.S. Department of Transportation (49 CFR Part 172) Hazard Class Forbidden or Class A, Class B, or Class C Explosives;

2) Source, special nuclear, by-product materials, or any radioactive waste material whose storage, transportation, treatment and disposal is regulated by the Nuclear Regulatory Commission (NRC) or the Arizona Radiation Regulatory Agency (ARRA). Those materials not classified as radioactive by the NRC under 10 CFR §20.306 or the ARRA under A.A.C. R12-1-428 may be treated and/or disposed of.

3) Cylinders, bottles or vessels containing pressurized gases that cannot be incinerated;

4) Those hazardous wastes that cannot be land disposed under A.A.C. R18-8-268 (40 CFR Part 268 Subpart C) which are classified as no longer being generated or as recyclable;

5) The pesticide 2,4,5-TP Silvex;

6) Mercury Fulminate; and

7) Off-specification commercial chemical products referred to as penta-, tri-, and tetra- chlorophenols, including wastes from the production or manufacturing use of the aforementioned discarded unused formulations for these wastes (which also include tetra-, penta-, and hexachlorobenzene under alkaline conditions), and also including residues resulting from the incineration of these wastes, which are listed for acute toxicity, and are identified by EPA hazardous waste code numbers F020, F021, F022, F023, F026, F027, and F028.
BASIS FOR DRAFT PERMIT

The HWMA/HSWA draft permit would grant conditional approval in accordance with the Arizona Administrative Code, Title 18, Chapter 8, Article 2 (A.A.C. R18-8-260 et seq.), as authorized by the HWMA and Arizona Revised Statutes (A.R.S.) Title 49, Chapter 5, Article 2 (§49-921 et seq.). The U.S. Environmental Protection Agency (EPA) portion of the draft permit, as authorized by HSWA, addresses Title 40 of the Code of Federal Regulations (CFR), Parts 124 and 260 through 271.

The draft installation permit for the ADEQ Office of Air Quality would grant conditional approval in accordance with R18-2-301 et seq., as authorized by A.R.S. §49-426 et seq.

The draft permits contain conditions for operation of the AHWMF, including the types and amounts of hazardous wastes to be accepted for treatment, storage or disposal, thereby fulfilling the duty of the Director to govern its management, construction and operation, as authorized by A.R.S. §49-905.

PROCEDURES FOR REACHING A FINAL DECISION

The HWMA and HSWA permit is being processed by:

Arizona Department of Environmental Quality
Attn: Hazardous Waste Permits Unit, Suite 400B
2005 North Central Avenue
Phoenix, Arizona  85004

AND

U.S. Environmental Protection Agency, Region IX
Hazardous Waste Management Division
1235 Mission Street
San Francisco, California  94103
Attn: AZ, NV & Pacific Section (H-2-2)

The HWMA/HSWA draft permits and associated conditions are proposed and open to public comment pursuant to A.A.C. R18-8-271 and 40 CFR §124. A public comment period covering both draft permits, which opened April 5, 1990, has been extended to October 3, 1990, due to significant public interest regarding details of the draft permits.

The proposed revised Air Quality Installation Permit is open to public comment pursuant to A.R.S. §49-426.D.

The ADEQ, in conjunction with the EPA, held a public hearing regarding these draft permits at the Mobile Elementary School in Mobile on May 7, 1990 at 7 p.m.
Two additional public hearings will be held at the following locations:

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 20, 1990</td>
<td>Civic Plaza (Ballroom)</td>
<td>225 E. Adams</td>
<td>Phoenix</td>
</tr>
<tr>
<td>June 21, 1990</td>
<td>Convention Center (Ballroom)</td>
<td>260 S. Church</td>
<td>Tucson</td>
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</table>

ADEQ staff will be available at these locations between the hours of 1 p.m. and 6:30 p.m. to answer questions regarding the siting process and any issues involved in the permitting process. Copies of the permit applications, draft permits and associated maps will be available for examination. Formal hearings will be held from 7 p.m. to 12 a.m. at both locations, allowing all citizens an opportunity to present oral comments for the administrative record. Either or both hearings may be continued the following day, if necessary, to obtain any oral comments not presented by midnight. The hearing(s) would then be resumed at the same location(s) at 9 a.m. of the following morning, and confirmed prior to adjournment, and would be a continuation of the affected hearing. All oral comments presented at these hearings, plus all written comments postmarked by October 3, 1990, will be considered prior to a tentative final decision on the associated draft permits being rendered by the ADEQ Director and EPA Regional Administrator. All commenters will receive a written response to their comment(s) and a notice of this decision.

The purpose of the additional public hearings will be to determine whether the draft permit or any of its associated conditions are inappropriate.

During the public hearing, any person may submit oral or written statements or data concerning the draft permit. Oral statements will be limited to four minutes per speaker, so commenters are encouraged to prepare written material to accompany their oral statements.

Any person may submit written comments at any time during the comment period. Written comments must be delivered or, if mailed, postmarked by the last day of the public comment period, to the ADEQ or EPA address specified above.

CONTACT FOR ADDITIONAL INFORMATION

For further information regarding the HWMA/HSWA permit, please contact the ADEQ Hazardous Waste Permits Unit, at (602) 257-2250 or Nancy Alvarez of the U.S. EPA at (415) 744-1425. For further information regarding the Air Quality Installation Permit, please contact Prabhat Bhargava, Manager, ADEQ Office of Air Quality, Permits Unit, at (602) 257-2288.