

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)283-3826

PROPERTY ADDRESS

Town or Plantation: PORTLAND

Street: PEAKS ISLAND

Subdivision Lot #: 562 ISLAND AVENUE

PROPERTY OWNERS NAME

N/F BARBARA GLEN 92-11-19

Last: ASBJORNSEN First: LARS

Applicant Name: LARS ASBJORNSEN

Mailing Address of Owner/Applicant (if Different): 74 NIXON ROAD FRAMINGHAM, MA. 01701

PORTLAND 157-000 TOWN COPY

Fee: 60

DATE: 8-26-93

Signature: _____

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

Signature: Lars Asbjornsen Date: 8/26/93

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

Signature: Arthur Lowe Date Approved: 8-26-93

PERMIT INFORMATION

<p>THIS APPLICATION IS FOR:</p> <p>1. <input type="checkbox"/> NEW SYSTEM</p> <p>2. <input checked="" type="checkbox"/> REPLACEMENT SYSTEM</p> <p>3. <input type="checkbox"/> EXPANDED SYSTEM</p> <p>4. <input type="checkbox"/> EXPERIMENTAL SYSTEM</p>	<p>THIS APPLICATION REQUIRES:</p> <p>1. <input type="checkbox"/> NO RULE VARIANCE</p> <p>2. <input type="checkbox"/> NEW SYSTEM VARIANCE Attach New System Variance Form</p> <p>3. <input type="checkbox"/> REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form</p> <p>a. <input type="checkbox"/> Requiring Local Plumbing Inspector Approval</p> <p>b. <input checked="" type="checkbox"/> Requiring State and Local Plumbing Inspector Approval</p> <p>4. <input type="checkbox"/> MINIMUM LOT SIZE VARIANCE</p>	<p>INSTALLATION IS:</p> <p>COMPLETE SYSTEM</p> <p>1. <input type="checkbox"/> NON-ENGINEERED SYSTEM</p> <p>2. <input type="checkbox"/> PRIMITIVE SYSTEM (Includes Alternative Toilet)</p> <p>3. <input type="checkbox"/> ENGINEERED (+2000 gpd)</p> <p>INDIVIDUALLY INSTALLED COMPONENTS:</p> <p>4. <input type="checkbox"/> TREATMENT TANK (ONLY)</p> <p>5. <input checked="" type="checkbox"/> HOLDING TANK <u>1300</u> GAL MINIMUM (SEE ATTACHED)</p> <p>6. <input type="checkbox"/> ALTERNATIVE TOILET (ONLY, LETTER)</p> <p>7. <input type="checkbox"/> NON-ENGINEERED DISPOSAL AREA (ONLY)</p> <p>8. <input type="checkbox"/> ENGINEERED DISPOSAL AREA (ONLY)</p> <p>9. <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</p>
<p>SEASONAL CONVERSION</p> <p>to be completed by the LPI</p> <p>5. <input type="checkbox"/> SYSTEM COMPLIES WITH RULES</p> <p>6. <input type="checkbox"/> CONNECTED TO SANITARY SEWER</p> <p>7. <input type="checkbox"/> SYSTEM INSTALLED - P# _____</p> <p>8. <input type="checkbox"/> SYSTEM DESIGN RECORDED AND ATTACHED</p>	<p>IF REPLACEMENT SYSTEM:</p> <p>YEAR FAILING SYSTEM INSTALLED _____</p> <p>THE FAILING SYSTEM IS:</p> <p>1. <input type="checkbox"/> BED 3. <input type="checkbox"/> TRENCH</p> <p>2. <input type="checkbox"/> CHAMBER 4. <input type="checkbox"/> OTHER _____</p>	<p>TYPE OF WATER SUPPLY</p> <p><u>PUBLIC WATER</u></p>
<p>SIZE OF PROPERTY</p> <p><u>6,300</u> ±</p>	<p>ZONING</p> <p>_____</p>	<p>TYPE OF SYSTEM TO SERVE:</p> <p>1. <input type="checkbox"/> FAMILY DWELLING</p> <p>2. <input type="checkbox"/> GARAGE OR MOBILE HOME</p> <p>3. <input type="checkbox"/> MULTIPLE FAMILY DWELLING</p> <p>4. <input type="checkbox"/> OTHER _____</p> <p>SPECIFY _____</p>

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<p>TREATMENT TANK</p> <p>1. <input type="checkbox"/> SEPTIC: <input type="checkbox"/> Regular <input type="checkbox"/> Low Profile</p> <p>2. <input type="checkbox"/> AEROBIC</p> <p>SIZE: _____ GALS</p>	<p>WATER CONSERVATION</p> <p>1. <input type="checkbox"/> NONE</p> <p>2. <input checked="" type="checkbox"/> LOW VOLUME TOILET</p> <p>3. <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</p> <p>4. <input type="checkbox"/> ALTERNATIVE TOILET</p> <p>SPECIFY: _____</p>	<p>DUMPING <u>Not Applicable</u></p> <p>1. <input type="checkbox"/> NOT REQUIRED</p> <p>2. <input type="checkbox"/> MAY BE REQUIRED (DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)</p> <p>3. <input type="checkbox"/> REQUIRED</p> <p>DOSE: _____ GALS</p>	<p>CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC)</p> <p><u>1 BEDROOM SEASONAL</u></p> <p>DESIGN FLOW: _____ (GALLONS/DAY)</p>
<p>SOIL CONDITIONS USED FOR DESIGN PURPOSES</p> <p>PROFILE: _____</p> <p>CONDITION: _____</p> <p>DEPTH TO LIMITING FACTOR: _____</p>	<p>SIZE RATINGS USED FOR DESIGN PURPOSES</p> <p>1. <input type="checkbox"/> SMALL</p> <p>2. <input type="checkbox"/> MEDIUM</p> <p>3. <input type="checkbox"/> MEDIUM-LARGE</p> <p>4. <input type="checkbox"/> LARGE</p> <p>5. <input type="checkbox"/> EXTRA LARGE</p>	<p>DISPOSAL AREA TYPE/SIZE</p> <p>1. <input type="checkbox"/> BED _____ Sq Ft.</p> <p>2. <input type="checkbox"/> CHAMBER _____ Sq Ft.</p> <p><input type="checkbox"/> REGULAR <input type="checkbox"/> H 20</p> <p>3. <input type="checkbox"/> TRENCH _____ Linear Ft.</p> <p>4. <input type="checkbox"/> OTHER: _____</p>	

SITE EVALUATOR STATEMENT

On APRIL 8, 1993 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

Signature: Arthur Lowe SE#: 163 Date: 8/21/93

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

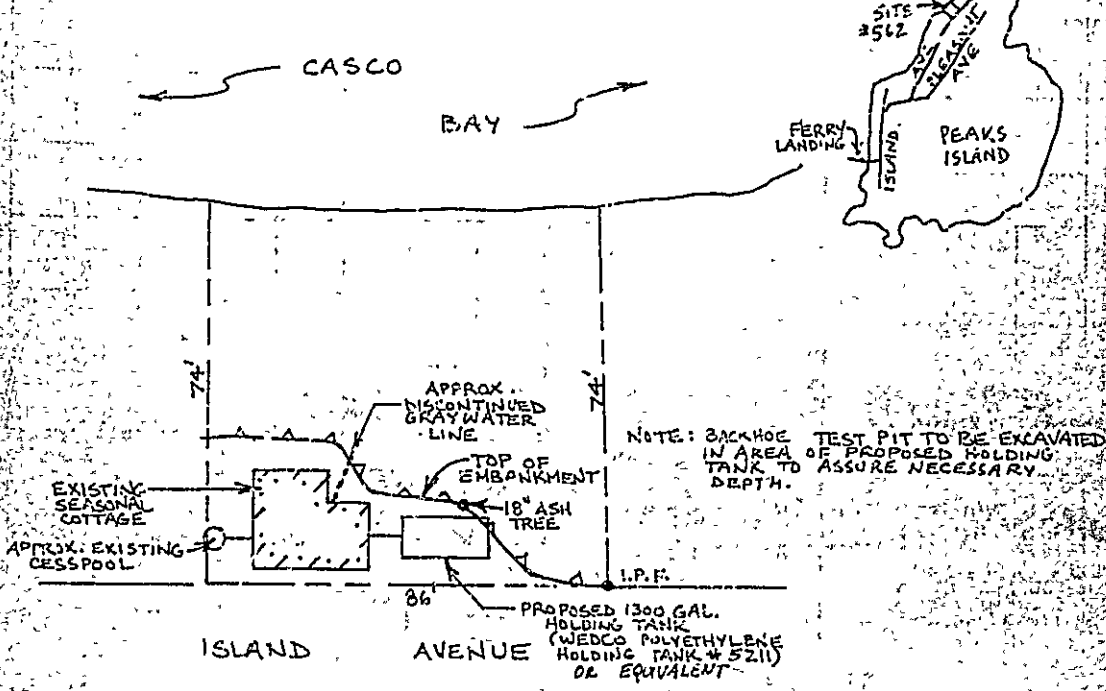
Street, Road, Subdivision

N/P GLEN Owners Name

PORTLAND (PEAKS ISLAND) 562 ISLAND AVE. SITE PLAN

Scale 1" = 30' FL

ASBJORNSEN, LARS
SITE LOCATION PLAN (Attach
Map from Maine Atlas for
New System Variance)



NOTE: BACKHOE TEST PIT TO BE EXCAVATED IN AREA OF PROPOSED HOLDING TANK TO ASSURE NECESSARY DEPTH.

E.R.P. HYDRANT

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)			
Observation Hole		<input type="checkbox"/> Test Pit <input type="checkbox"/> Boring	
* Depth of Organic Horizon Above Mineral Soil			
Texture	Consistency	Color	Mottling
0			
2			
4			
6			
8			
10			
12			
14			
16			
18			
20			
22			
24			
26			
28			
30			
32			
34			
36			
38			
40			
42			
44			
46			
48			
50			

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)			
Observation Hole		<input type="checkbox"/> Test Pit <input type="checkbox"/> Boring	
* Depth of Organic Horizon Above Mineral Soil			
Texture	Consistency	Color	Mottling
0			
2			
4			
6			
8			
10			
12			
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36			
38			
40			
42			
44			
46			
48			
50			

Albert Reich
Site Evaluator Signature

163
SE#

4/21/23
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

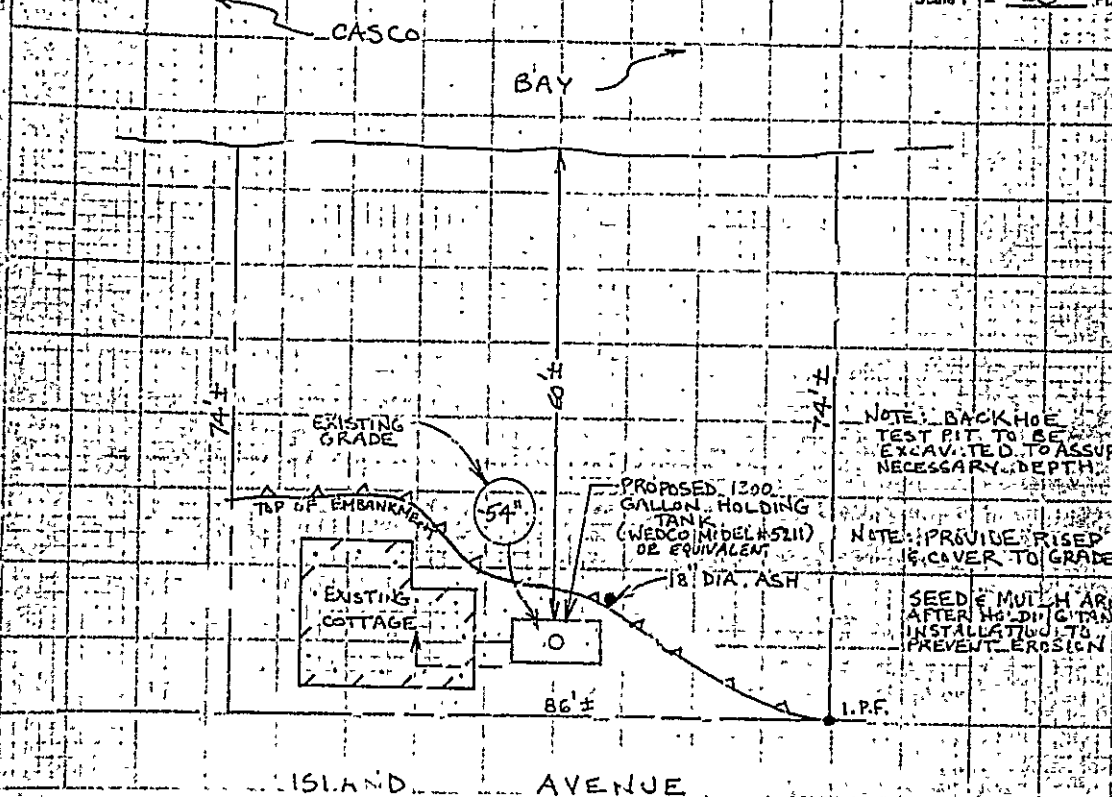
N/F GLEN Owners Name

PORTLAND (PEAKS ISLAND) 562 ISLAND AVE.

ASBJORNSEN, LARS

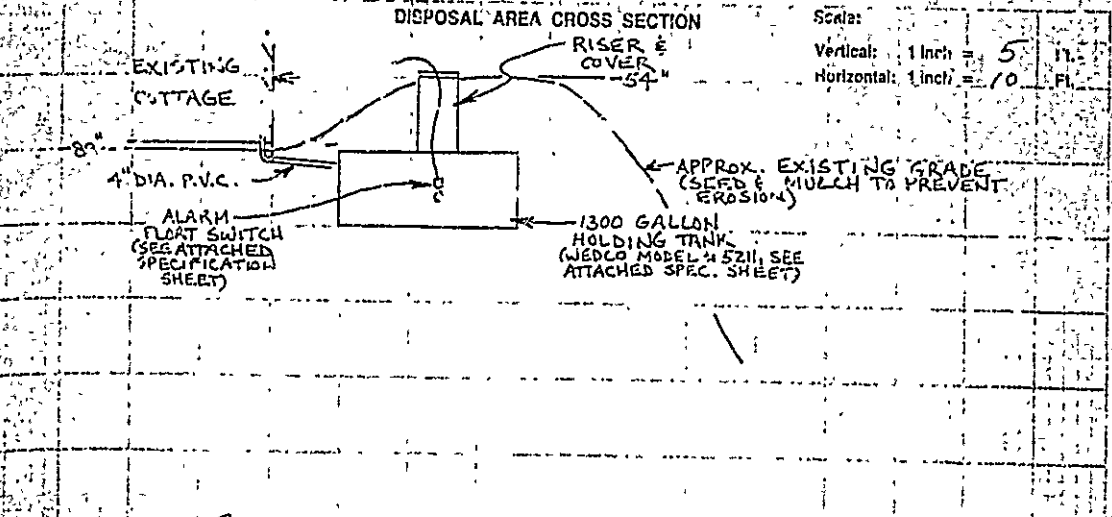
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' PL



ISLAND AVENUE

FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope) <u>2</u>	Reference Elevation Is <u>00</u>	TOP OF HYDRANT ACROSS ROAD.
Depth of Fill (Downslope) <u>0</u>	Bottom of Disposal Area <u> </u>	
	Top of Distribution Lines or Chambers <u> </u>	



Alfred J. Smith
Site Evaluator Signature

153
SE#

4/21/83
Date

Page 3 of 3



John R. McKean
Governor

Richard
Comptroller

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

July 16, 1990

Waterfall Distributors
P.O. Box 175
Mechanic Falls, ME 04256


SUBJECT: Departmental Approval

To Whom It May Concern:

The Division of Health Engineering approves the Wedco Polyethylene Septic Tank Model WF 3600 for use with one, two, three or four bedroom residences, or other non-residential design flows requiring a 1000 gallon or less working capacity.

The Division approves the Wedco Polyethylene Surface Holding Tank Model 5211 for use as a holding tank in those situations where the Division authorizes the use of holding tanks, and the holding tank is installed per manufacturer's recommendations.

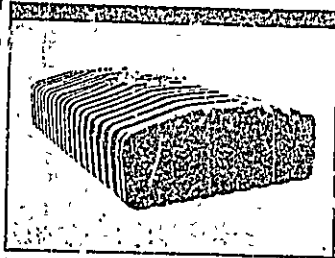
Very truly yours,


Donald C. Hoxia, P.E., Director
Division of Health Engineering

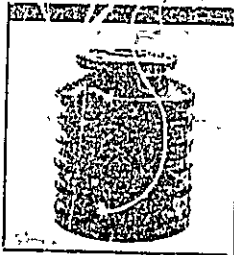
OCH/jcs

YOUR ONE-STOP SEPTIC TANK SUPPLIER!

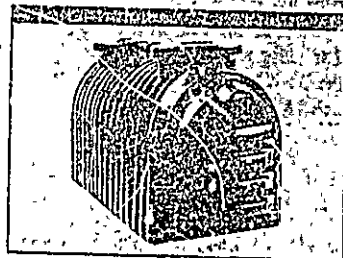
There are Wedco Septic Tanks for virtually every size and type of application and installation. Wedco Tanks have been designed to conform to all local codes and regulations.



5211 SURFACE HOLDING TANK



5250 PUMPING CHAMBER



STANDARD WEDCO SEPTIC TANK
AVAILABLE IN SEVERAL SIZES

WEDCO SEPTIC AND SURFACE HOLDING TANKS

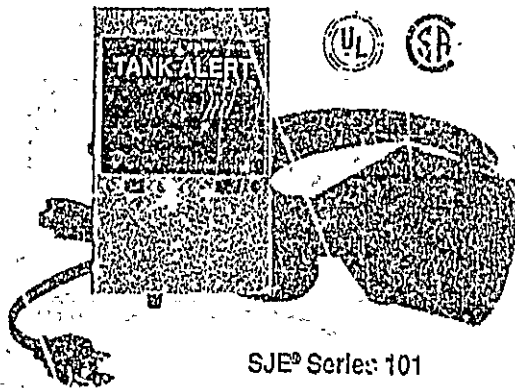
MODEL	WEIGHT		LENGTH		WIDTH		HEIGHT		LIQUID LEVEL AT OUTLET		INLET HEIGHT		MAN V.L. HOLES DIAMETER		CAPACITY		
	KG	LBS	CM	IN	CM	IN	CM	IN	CM	IN	CM	IN	CM	IN	LITRES	IMPGALS	US GALS
WP2300	140	310	305	120	107	42	127	50	92	36	107	42	51	20	2300	500	600
WP2700	160	350	300	118	127	50	135	53	80	36	102	40	51	20	2700	600	730
WP3400	166	365	310	122	124	49	135	53	89	36	102	40	51	20	3100	750	900
WR3400	166	365	241	95	124	49	163	64	132	52	147	58	51	20	3100	750	900
WP3700	220	485	371	146	127	50	135	53	93	39	112	44	51	20	3600	800	1000
WR4000	181	400	272	107	135	53	173	68	132	52	147	58	51	20	4000	800	1050
WP5000	272	600	368	145	130	51	164	64	122	48	135	53	51	20	5000	1100	1300
5211/SURFACE HOLDING TANK	227	500	401	158	201	79	76	30	-	-	69	27	51	20	5000	1100	1300

All Wedco Septic Tanks may be converted to holding tanks

*All U.S. Wedco Septic Tanks are equipped with gas deflectors, to comply with regulatory requirements

TANK ALERT® I Alarm System

An easy-to-install NEMA 1 (indoor) liquid level alarm system.



ADVANTAGES

- Can be used with any UL Listed switching mechanism rated 1 amp, 24 VAC minimum.
- System operates, when properly installed, even if pump circuit fails.
- Switching mechanism operates on low voltage and is isolated from the 120V power line to reduce the possibility of shock.
- Green "Power On" light assures that there is power to the alarm panel.
- Direct wire option (Knock out holes provided on panel back and bottom).
- ENTIRE UNIT (alarm panel and float switch) is UL Listed and CSA Certified.
- TWO-YEAR LIMITED WARRANTY

APPLICATIONS

The Tank Alert® I is an easy to install liquid level alarm system designed specifically for lift pump chambers, sump pump basins, holding tanks, and water and sewage systems.

The Sensor Float® control switch is lowered into the tank and secured at the desired alarm level. When the liquid level rises (high level alarm) or lowers (low level alarm), the Sensor Float® tips and activates a loud horn on the alarm panel. In addition, a red, solid-state warning light is activated. The horn can be turned off, but the warning light will remain on until the condition is remedied. An added green "power on" light assures you that there is power to the alarm panel.

When used with a pump application, the Tank Alert® I should be connected to a circuit breaker other than the pump circuit. This allows the Tank Alert® I to operate even if the pump circuit should fail.

DESCRIPTION

The Tank Alert® I alarm systems includes:

ALARM PANEL: This NEMA 1 metal panel features a red warning light, a green "power on" light, push-to-test alarm button and a horn silencer switch.

ALARM FLOAT: SJE's Sensor Float® control switch (Model 15SWI).

SPLICE KIT: This UL Listed splice kit provides a safe means to make a strong, waterproof splice connection if additional cable length is required.

SPECIFICATIONS

MODEL: 101-01H (high level alarm)

101-01L (low level alarm)

Waterproof cable splice kit included.

VOLTAGE: Primary 120V, 60 Hz. Secondary 12V 60Hz.

WATTS: 5 Watt Alarm Condition

ALARM PANEL: 6 in. (15.24cm) x 4 in. (10.16cm) x 2.5 in. (6.35cm) NEMA 1 metal enclosure with 6 ft line cord and electrical knock outs for direct wire options.

ALARM SWITCH CONNECTION TERMINAL: 1 Amp, 24 VAC.

ALARM FLOAT: S.J. ELECTRO SYSTEMS, INC., Sensor Float® Control Switch (Model 15SWI).

HOUSING: 3.38 in. (8.58cm) diameter; x 4.55 in. (11.56cm) long, high impact resistant, noncorrosive PVC plastic with internal stabilizing weight. For use in liquids up to 140° F (60° C).

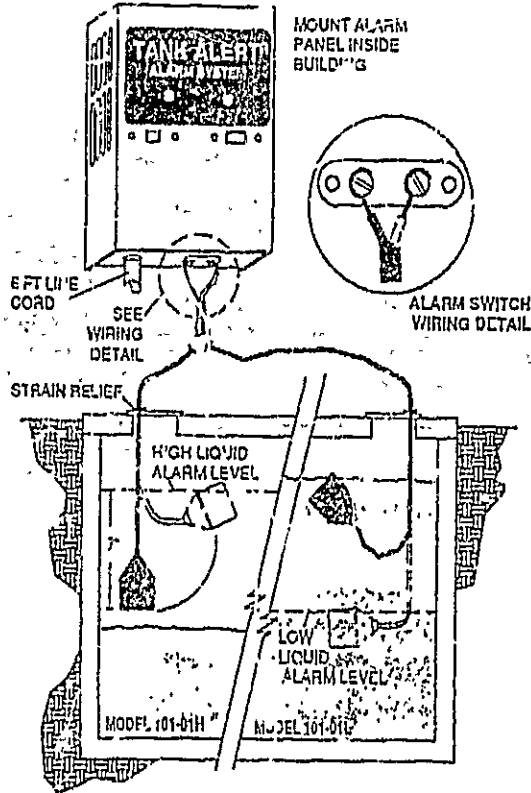
MERCURY TILT SWITCH: Hermetically sealed steel capsule features mercury-to-mercury contacts.

CABLE: 15 ft (4.57m) long, 16 gauge, 2 conductor, SJOW-A (UL), SJOW (CSA) water resistant, Neoprene.

TANK ALERT® Installation Instructions

PANEL OPTIONS

Each of our standard alarm panels has a number of options available. See Panel Option Specification sheet for specific information.



WARNING: Turn off power source before installing or adjusting this device. Failure to turn off power could result in serious or fatal electrical shock.

1. Read these instructions carefully.
2. Check your local codes before installing. We recommend this product be installed in accordance with national and local electrical codes.
3. Do not connect this product while you are standing on a wet or damp surface.
4. Do not remove cord label from switch unit.
5. Retain these instructions with warranty card when installation is complete.

SERIES 101 (high level alarm) 101 (low level alarm)

MOUNTING ALARM PANEL

1. Determine an indoor location for mounting the alarm panel.
2. Insert screw (supplied) at desired wall location. Hang alarm panel using predrilled keyhole on panel's side.
3. Plug panel into a standard household 1" receptacle. When used with a pump, the Tank Alert I should be connected to a circuit breaker separate from the pump circuit. This allows the Tank Alert I to operate even if the pump circuit should fail.

OPTIONAL INSTALLATION: The Tank Alert I alarm panel comes with knock out holes which allow for optional direct wiring.

MOUNTING ALARM FLOAT

1. Determine alarm level.
2. Suspend internally weighted Sensor Float control cable 1/2 inches below determined activation level. If additional cable is required, cable used underground must be approved for underground usage. **EXAMPLE:** 14-2 Type UF (See dimensions to left for underground splice connection).

CAUTION: At this point, make sure power to alarm panel is disconnected.

3. Connect Sensor Float cable to the screw terminals located at the bottom of the alarm panel. See Alarm Switch Wiring Detail.
4. Check your installation by manually tipping float. When the float is tipped, the alarm light should indicate an alarm condition.

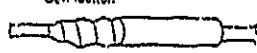
DIRECTIONS FOR UNDERGROUND SPLICE CONNECTION

This splice kit is approved by UL for use with the Tank Alert I only.

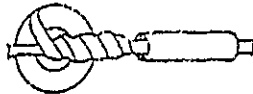
1. Make Wire Nut Connection



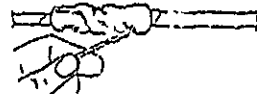
3. Slide Sleeve Over Taped Connection



2. Wrap Electrical Tape Around Wire Connection



4. Heat Sleeve With Solder, Match or Thru It



Unit should be periodically tested to assure proper operation. Push test button on alarm panel. Alarm light and horn should activate.



S.J. ELECTRO SYSTEMS, INC.

Buy It with Pride - Employee Owned
PO Box 1610 County Rd 6 Orland Lakes, MN 56552
Telephone: 218-847-1317 FAX: 218-847-4617



Cal. Pat. 1100125
10011333
Printed in USA

HOLDING TANK APPLICATION

This form along with a completed HHE-200 form constitutes an application for installation of a holding tank to receive sanitary wastewater. Holding tanks are permitted only for:

- a) the replacement of a malfunctioning subsurface disposal system, surface discharge, or overboard discharge when no other alternative is available and no change in usage is proposed;
- b) for new commercial or industrial facilities generating less than 500 GPD of wastewater when no other alternative is available;
- c) for temporary use by a new single-family dwelling when a public sewer will be available within 18 months.

Applications not meeting one of the above criteria will be immediately rejected. Incomplete applications will be returned. Applications for new commercial or industrial facilities require the submission of a \$20.00 review fee. The Department reserves the right to require attachment of deed covenants restricting the use of the property as a condition of approval of any holding tank application.

All appropriate blanks must be completed and all signatures obtained prior to submission for approval.

APPLICANT

First Name: LAKS Last Name: ASBJORNSEN

Address: 74 NIXON ROAD

City/Town: FRAMINGHAM State: MA Zip: 01701

PROPERTY

Address: 562 ISLAND AVENUE

City/Town: PORTLAND (PEAKS ISLAND) Zip: 04108

Replacement New Commercial Installation (\$20 Review Fee)

Age of old System: _____ Type of Old System: _____

PUMPER

Business Name: COVINGTON JOHNSON, CASCO BAY SERVICES *Island*

Address: _____

City: PORTLAND (PEAKS ISLAND) Zip: 04108

Truck Capacity: 2000 + 300 Gallon Pump From 1/1/93 to 1/1/94

Disposal Site: 3116 Peaks Island Station, Village St

PROPERTY OWNER

I, LARS H. SBJORNSEN, am the owner of the property described in this application. I hereby do swear that all information regarding the past, present, and planned future uses of the property is accurate. I understand that a conventional subsurface wastewater disposal system is not feasible on my property and that the holding tank is only a temporary receptical and requires periodic maintenance. I have contracted with the individual specified on the form as the pumper to periodically empty the holding tank. I further agree to file with the Registry of Deeds and to abide by any deed covenants that may be required by the Department, as a condition of approval.

Lars Sbjornsen _____ 5/28/93
Property Owner's Signature Date

SITE EVALUATOR

I, ALBERT FRICH, state that I have evaluated the subject property and find that there is no feasible subsurface wastewater disposal system on this property. I have completed an HHE-200 form proposing a holding tank as the only alternative for on-site wastewater disposal.

Albert Frich _____ 6/11/93
Site Evaluator's Signature Date

PUMPER

I, Thomas Sorenson, operate a septage removal service as described on this form and have contracted with the property owner to remove holding tank wastes from the subject property. I state that I have the necessary equipment and capacity to service the subject property and that I will dispose of the wastewater at an approved site.

T. Sorenson _____ 6/11/93
Pumper's Signature Date

LOCAL PLUMBING INSPECTOR

I, P. Samuel Hoff, local plumbing inspector for the municipality of Deerfield, have visited the subject property and reviewed this application and concur with the site situation that a holding tank is the only feasible option for this property.

P. Samuel Hoff _____ 6/11/93
Local Plumbing Inspector's Signature Date

MUNICIPAL OFFICERS

We, municipal officers for _____, have reviewed this application and do state that the installation of a holding tank on the subject property does not conflict with any local ordinances.

Robert Sorenson _____ 6/15/93
Municipal Officer's Signature Title Date

Municipal Officer's Signature Title Date

Municipal Officer's Signature Title Date