

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering  
(207) 287-5672 FAX (207) 287-4172

*called 5/19/99 9:25 AM*

**PROPERTY LOCATION**

City or Town: AUGUSTA

Street Subdivision Lot #: Pierce Drive

**PROPERTY OWNERS NAME**

City of Augusta  
DEPT. OF PUBLIC Schools

Mailing Address of Owner: RR# 7, Box 2525  
AUGUSTA, Maine 04330

Daytime Tel. #: 626-2468

**Permit Information**

AUGUSTA Date Permit Issued: 5/19/99

4181 TOWN COPY \$ 10.00 FEE  Double Fee Charged

Local Plumbing Inspector Signature: [Signature] L.P.I. #: 10018

Municipal Tax Map # 10 Page # 22

**Owner Statement**

I state that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or local Plumbing Inspector to deny a Permit.

Signature of Owner/Applicant: John Fucciarelli Date: 5.10.99

**Caution: Inspection Required**

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

Local Plumbing Inspector Signature: \_\_\_\_\_ Date Approved: \_\_\_\_\_

**PERMIT INFORMATION**

<p><b>THIS APPLICATION IS FOR:</b></p> <p>1. <input checked="" type="checkbox"/> First Time System</p> <p>2. <input type="checkbox"/> Multi-User System</p> <p>3. <input type="checkbox"/> Replacement System</p> <p>4. <input type="checkbox"/> Expanded System</p> <p>    a. <input type="checkbox"/> One-time exempted</p> <p>    <input type="checkbox"/> Non-exempted</p> <p>5. <input type="checkbox"/> Experimental System</p> <p>6. <input type="checkbox"/> Seasonal Conversion</p>	<p><b>THIS APPLICATION REQUIRES:</b></p> <p>1. <input type="checkbox"/> No Rule Variance</p> <p>2. <input type="checkbox"/> First Time System Variance (Municipal)</p> <p>3. <input type="checkbox"/> First Time System Variance (State)</p> <p>4. <input type="checkbox"/> Replacement System Variance</p> <p>    a. <input type="checkbox"/> Local Plumbing Inspector approval</p> <p>    b. <input type="checkbox"/> State &amp; Local Plumbing Inspector approval</p> <p>5. <input type="checkbox"/> Minimum Lot Size Variance</p> <p>6. <input type="checkbox"/> Seasonal Conversion Variance</p>	<p><b>DISPOSAL SYSTEM COMPONENT(S)</b></p> <p>1. <input type="checkbox"/> Non-Engineered System</p> <p>2. <input type="checkbox"/> Primitive System</p> <p>3. <input type="checkbox"/> Alternative Toilet</p> <p>    Specify _____</p> <p>4. <input type="checkbox"/> Non-Engineered Treatment Tank</p> <p>5. <input checked="" type="checkbox"/> Holding Tank <u>1200</u> Gallons</p> <p>6. <input type="checkbox"/> Non-Engineered Disposal Area (only)</p> <p>7. <input type="checkbox"/> Separated Laundry System</p> <p>8. <input type="checkbox"/> Engineered System (+2000 gpd)</p> <p>9. <input type="checkbox"/> Engineered Treatment Tank (only)</p> <p>10. <input type="checkbox"/> Engineered Disposal Area (only)</p>
<p><b>SIZE OF PROPERTY</b></p> <p><u>48.5</u></p>	<p><b>DISPOSAL SYSTEM TO SERVE:</b></p> <p>1. <input type="checkbox"/> Single Family Dwelling Unit</p> <p>2. <input type="checkbox"/> Multiple Family Dwelling Unit</p> <p>    Number of Units _____</p> <p>3. <input type="checkbox"/> Other <u>CONCESSION STAND</u></p> <p>    SPECIFY _____</p>	<p><b>TYPE OF WATER SUPPLY</b></p> <p><u>Public</u></p>
<p><b>SHORELAND ZONING</b></p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		

**DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)**

<p><b>DISPOSAL AREA TYPE/SIZE</b></p> <p>1. <input type="checkbox"/> Stone Bed _____ Sq.Ft.</p> <p>2. <input type="checkbox"/> Proprietary Device _____ Sq.Ft.</p> <p>    <input type="checkbox"/> Clustered <input type="checkbox"/> Linear</p> <p>    <input type="checkbox"/> Regular <input type="checkbox"/> H-20</p> <p>3. <input type="checkbox"/> Trench <u>N/A</u> Lin. Ft.</p> <p>4. <input type="checkbox"/> Other _____</p>	<p><b>GARBAGE DISPOSAL UNIT</b></p> <p>1. <input checked="" type="checkbox"/> No</p> <p>2. <input type="checkbox"/> Yes</p> <p>    <input type="checkbox"/> Multi-compartment tank</p> <p>    <input type="checkbox"/> Tank in series</p> <p>    <input type="checkbox"/> Increase in tank capacity</p> <p>    <input type="checkbox"/> Filter on tank outlet</p>	<p><b>CRITERIA USED FOR DESIGN FLOW (Show Calculations)</b></p> <p><u>CONCESSION STAND</u> <u>10 employees</u> <u>No utensils</u> <u>Paper plates</u> <u>Limited Food Prep.</u></p> <p>DESIGN FLOW: <u>2100 GPD</u> (Gallons/Day)</p>
<p><b>DISPOSAL AREA SIZING</b></p> <p>1. <input type="checkbox"/> Small 2.0</p> <p>2. <input type="checkbox"/> Medium 2.60 <u>N/A</u></p> <p>3. <input type="checkbox"/> Medium-Large 3.30</p> <p>4. <input type="checkbox"/> Large 4.10</p> <p>5. <input type="checkbox"/> Extra-Large 5.00</p>	<p><b>PUMPING</b></p> <p>1. <input type="checkbox"/> Not Required</p> <p>2. <input type="checkbox"/> May Be Required</p> <p>3. <input type="checkbox"/> Required</p> <p>DOSE <u>N/A</u> Gallons</p>	
<p><b>PROFILE &amp; DESIGN CLASS</b></p> <p>PROFILE: <u>FILL</u></p> <p>DESIGN: _____</p> <p>DEPTH TO MOST LIMITING FACTOR: _____</p>		

**SITE EVALUATOR'S STATEMENT**

On 11/21/98 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules.

Signature: David P. Rocque SE #: 154 Date: 11/21/98

Print Name: DAVID P. ROCQUE Telephone: (207) 622-7487

Page 1 of 3 HHE-200 Rev. 5/95

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

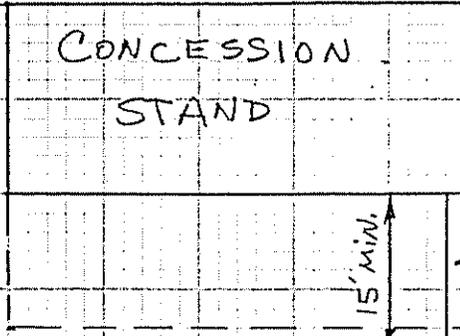
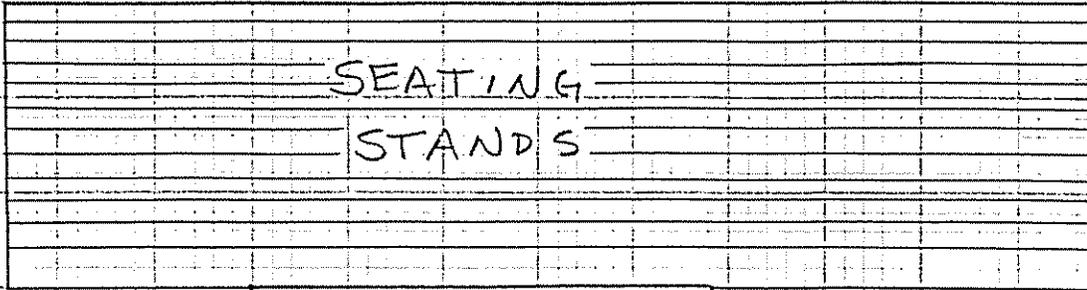
Owners Name

AUGUSTA

Pierce Rd.

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



Pavement

Effluent Line  
Insulate and sleeve.

15' min.

proposed location of  
Enviro Plus X145500  
plastic Septic Tank  
(pouated), 1200 gallon  
Capacity. Install riser  
to ground surface.

Chain Link Fence

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION	
Depth of Fill (Upslope)	"	Reference Elevation Is	"		
Depth of Fill (Downslope)	N/A	Bottom of Disposal Area	N/A		
		Top of Distribution Lines or Chambers			N/A

### NOTES:

### DISPOSAL AREA CROSS SECTION

Scale:  
Vertical: 1 inch = Ft.  
Horizontal: 1 inch = Ft.

1. Holding Tank to be water tight around inlet and cleanout.
2. Holding Tank to have visual and audible alarm.
3. Water saving devices to be used including 1.6 or less gallon per flush toilet.

David P. Romano

154

12/12/98



APPLICATION/AGREEMENT for HOLDING TANK INSTALLATION

PROPERTY OWNER INFORMATION

Name City of Augusta, Dept. of Public Schools  
Mailing Address RR #47, Box 2525  
City/Town AUGUSTA, Maine State ME Zip 04330  
Daytime telephone number 207-626-2462

PROPERTY LOCATION

Street, Road, Route Pierce Drive  
City/Town Augusta, Maine Zip 04330

APPLICATION FOR (check one)

- First Time Installation (If this is checked, give Town's Ordinance adoption date     /    /    )
- First Time Installation, non-residential only, less than 100 gpd or 500 gal/week
- Replacing an existing overboard discharge, surface wastewater discharge or malfunctioning subsurface wastewater system
- Replacing an existing holding tank

CONDITIONS FOR APPROVAL

- \* The installation of a conventional disposal system is not possible due to unacceptable site and/or soil conditions, lot configuration, or other constraints
- \* Public sewer is not available.
- \* All existing or proposed plumbing fixtures shall be installed or modified for water conservation and all water closets shall meet the Federal standard of 1.6 gallons per flush.

REQUIREMENTS FOR APPROVAL

- A Completed Application shall consist of:
  - \* This form (HHE-304) completed with all signatures.
  - \* A completed *Subsurface Wastewater Disposal System Application* (HHE-200) prepared by a Licensed Site Evaluator.

PROPERTY OWNER INFORMATION AND REQUIREMENTS

- I (we), Augusta School Dept. own the property described in this Application/Agreement.
1. Holding tanks require regular pumping by a licensed pumper. The owner must pay this service.
  2. The holding tank will be pumped at least once a year by the pumper listed on this application. Another pumper may be used if the listed pumper is notified and the LPI approves the change. The new pumper will then be listed on an attachment to this agreement.
  3. A water meter shall be installed at the owner's expense if required by the LPI.
  4. All records of pumping and water use (if required) must be kept for at least three years and shall be made available to the LPI or other official if requested.
  5. A holding tank for new construction can only be replaced by a system meeting first time system requirements.
  6. Once approved this form must be recorded at the Registry of Deeds, cross referenced to the owner's deed.
  7. We agree to comply with any additional requirements of the Town.

We state that all the information presented with this application is true and accurate, we acknowledge the foregoing items and agree to comply with all the requirements.

Property Owner(s) Signature John Faccianelli, Dir of B46 Date 5.10.99  
Property Owner(s) Signature \_\_\_\_\_ Date \_\_\_\_\_

Application/Agreement for Holding Tank Installation

Owner City of Augusta, Public Schools Property Location Pierce Drive, Augusta

SITE EVALUATION STATEMENT

I, DAVID P. ROCQUE, state that I have evaluated the subject property and found that a subsurface wastewater disposal system is not practical. Secondly, I have completed a Subsurface Wastewater Disposal System Application (HHE-200) proposing a holding tank installation for the property's wastewater disposal.

Site Evaluator's Signature David P. Rocque Date 12/12/98

HOLDING TANK PUMPER INFORMATION

Business owner's name Peter P Dube License # \_\_\_\_\_

Business name PAT JACKSON INC.

Mailing address Rt 5, Box 540

City Augusta State ME Zip 04330

Business telephone 907-623-3223

Max. truck hauling capacity 4000 gallons

Can pump: \_\_\_\_\_ seasonally  year round

DEP licensed disposal site location Belgrade, ME Site # S6061

HOLDING TANK PUMPER STATEMENT

I, Peter Dube, own and operate a septage pumping business named in this Application/Agreement, and have contracted with the property owner(s) to pump and properly dispose of the tank's waste. I further state that the tank, and that the wastewater will be disposed of at a Department of Environmental Protection licensed disposal location.

Holding Tank Pumper's Signature Peter Dube Date 5/10/99

Municipal Officers Statement

- I (we) have reviewed the information submitted in support of this application.
- I (we) find that the installation of the holding tank will not violate any local ordinances.
- I (we) will authorize the LPI to enforce the requirements of this agreement, the Subsurface Wastewater Disposal Rules and any local ordinances, including recordkeeping and required pumping.
- I (we) recommend that the LPI issue the necessary permits for the installation of the holding tank.

Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Signature [Signature] Title DCL Date 5/19/99

Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Local Plumbing Inspector's Statement

I have reviewed this application and find that the issuance of a permit for the holding tank complies with the Subsurface Wastewater Disposal Rules and all pertinent local ordinances.

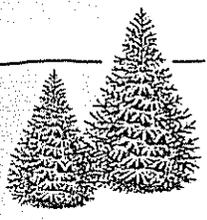
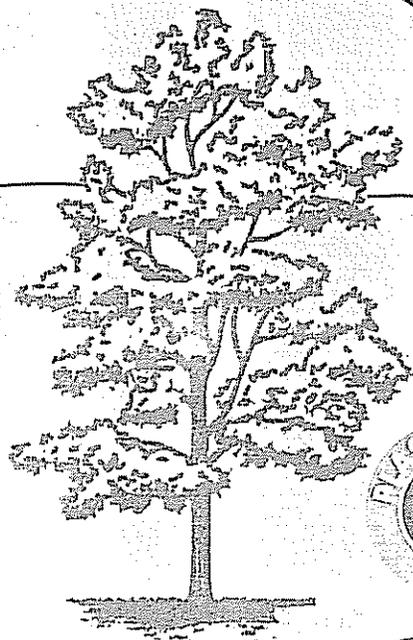
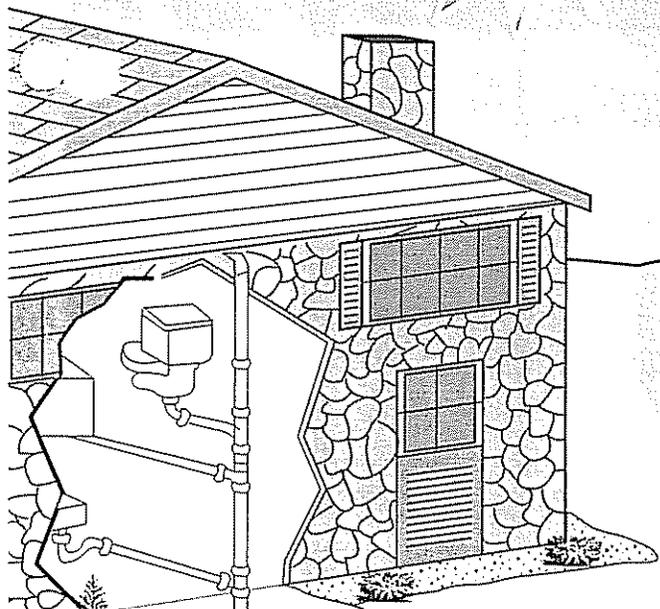
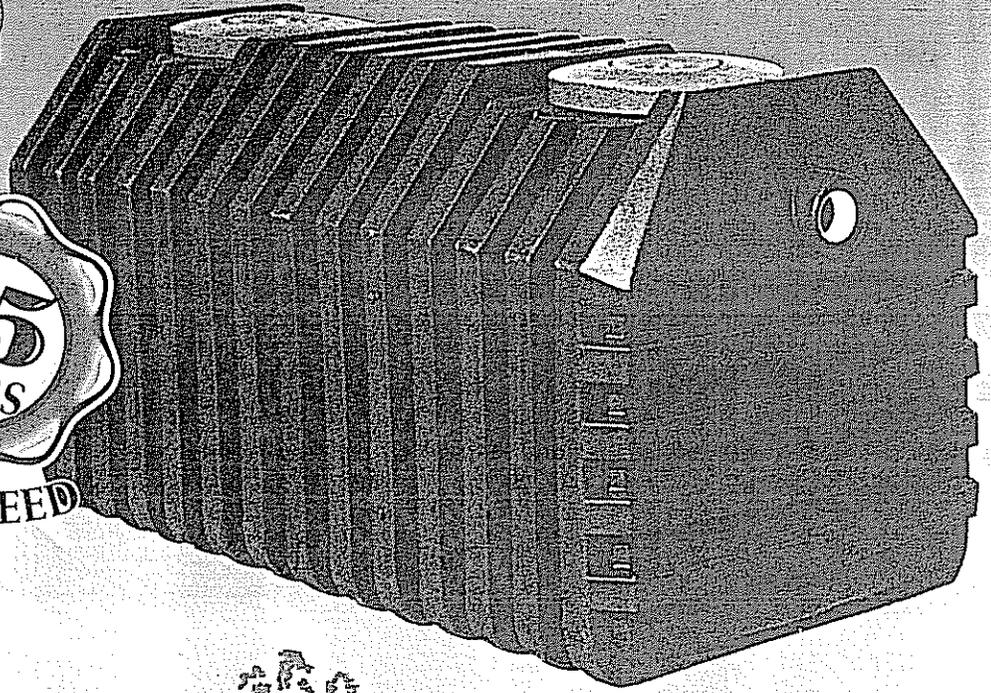
Additional Requirements: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature [Signature] Date 5/19/99

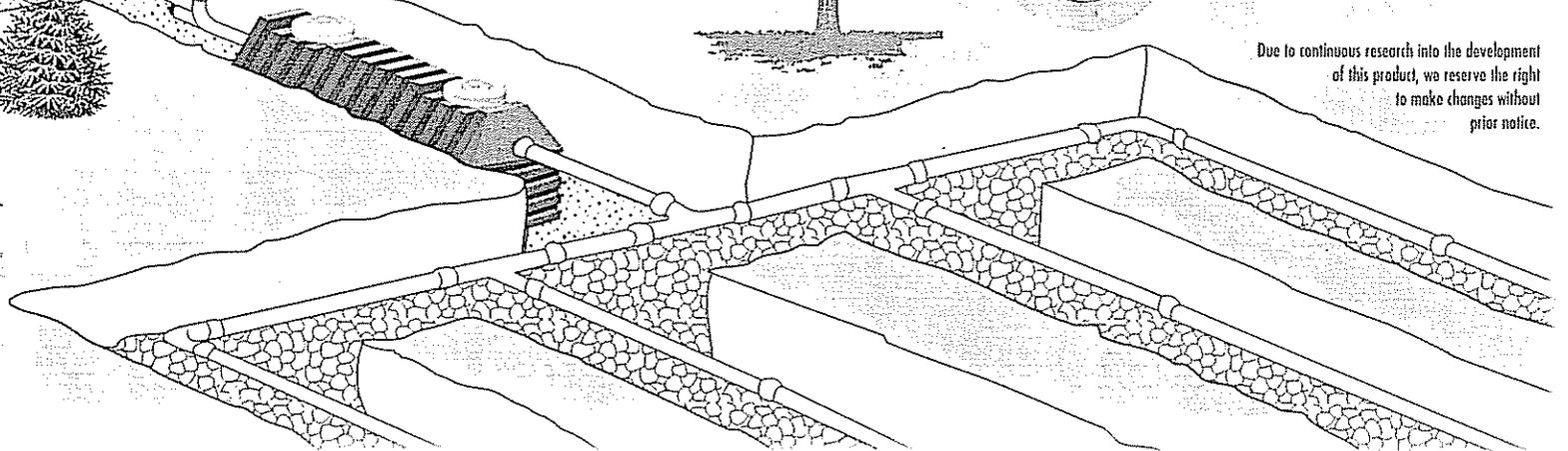
# POLYETHYLENE SEPTIC TANKS



- ❖ Light
- ❖ Easy to handle
- ❖ Rugged



Due to continuous research into the development of this product, we reserve the right to make changes without prior notice.



# FEATURES AND ADVANTAGES OF Enviro Plus<sup>®</sup> TANKS

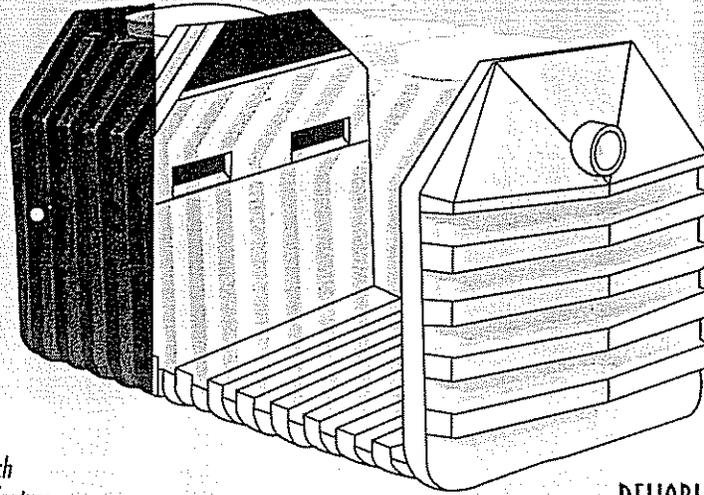
## EQUALS:

Enviro Plus<sup>®</sup> septic tanks meet the following standards:

B.N.Q.: Bureau Normalisation du Québec #469 (QSB: Quebec Standards Bureau)

CSA: Canadian Standards Association #LM-102474

MOE: Ministry of the Environment of Ontario for the installation of septic systems in new construction and as replacements.



*Lasting quality means this is one purchase that you can forget about.*

## LIGHT:

Enviro Plus<sup>®</sup> weighs 10 to 15 times less than a concrete septic tank with the same capacity, so there is no need for expensive heavy equipment to transport it and set it up which greatly reduces the damage to landscaping. This feature allows the installer to level the tank easily without expensive equipment.

## WATERTIGHT:

The molding process (rotational molding) used for Enviro Plus<sup>®</sup> allows the tank to be made in one piece (monolithic). The absence of joints makes it watertight.

## RUGGED:

Enviro Plus<sup>®</sup> is made from first quality resin which is resistant to ultraviolet rays. It can withstand a load of wet snow up to 1200 mm (48") deep plus 950 mm (39") of soil covering.

## UNAFFECTED BY CHEMICAL PRODUCTS:

Enviro Plus<sup>®</sup> is made from polyethylene, a resin which can withstand a wide range of chemical products such as acids, bases, wash water, water softeners, the gases given off by anaerobic bacterial action, etc. This feature gives Enviro Plus<sup>®</sup> tanks a clear advantage over concrete or steel tanks.

## ECONOMICAL:

An Enviro Plus<sup>®</sup> tank is economical for the following reasons:

- ❖ Quick delivery - no need to wait for a special truck.
- ❖ Easy to install and level.
- ❖ Guaranteed for 25 years - the quality/price ratio greatly exceeds that for steel or concrete.

## MULTI-PURPOSE:

An Enviro Plus<sup>®</sup> tank can easily be converted into a holding tank (sealed) or used as an underground reservoir for drinking water.

## SAFE:

The two 51 cm (20") accesses are safely fastened to the tank, as well, inside the two covers there is a 20 cm (8") screwed cover for emptying.

## RELIABLE:

Guaranteed for 25 years, Enviro Plus<sup>®</sup> is one purchase you can forget about because of its long, long lasting quality.

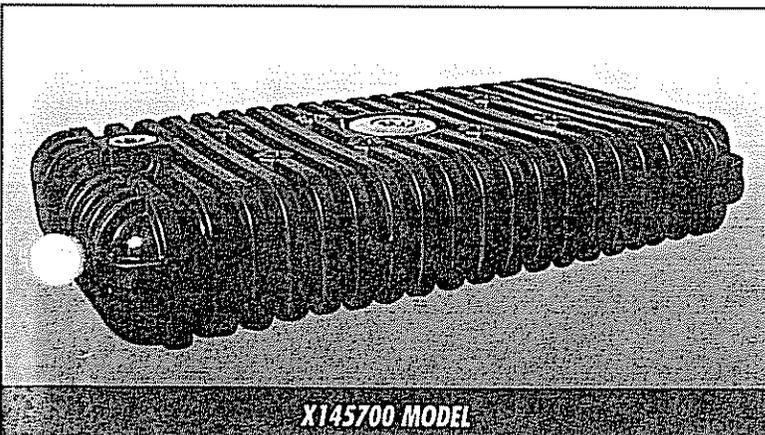
## RECOMMENDATIONS:

- ❖ All septic systems must be emptied (pumped every 2 to 5 years according to the municipal standards in force).
- ❖ Never drive a heavy vehicle over the septic tank or the septic-tank disposal field system.
- ❖ Emptying should always be done from the side with the solid wastes.
- ❖ Never remove or compact snow in winter as it serves as an insulating cover.

## IMPORTANT:

We suggest that you obtain and consult a copy of the local regulations for sewage disposal systems before installing your polyethylene Enviro Plus<sup>®</sup> tank.

## ABOVE GROUND POLYETHYLENE HOLDING TANK



X145700 MODEL

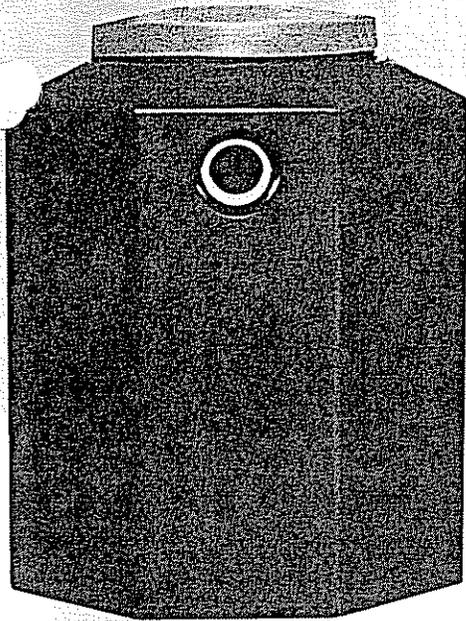
- ❖ Guaranteed 25 years
- ❖ Monolithic
- ❖ 3 choices of position for the inlet
- ❖ Inspection cap 200 mm (8")
- ❖ 490 mm (19") sight hole
- ❖ 4 lifting hooks



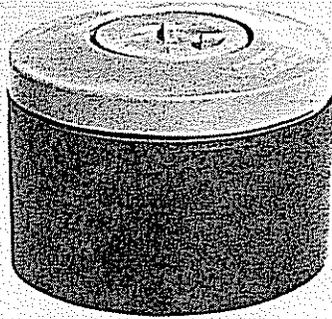
## ACTUAL CAPACITY

5700 LITRES/1250 IMP. GALS./1500 US GALS.

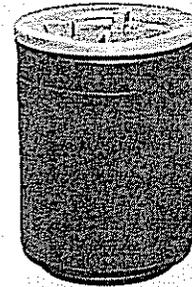
# ACCESSORIES



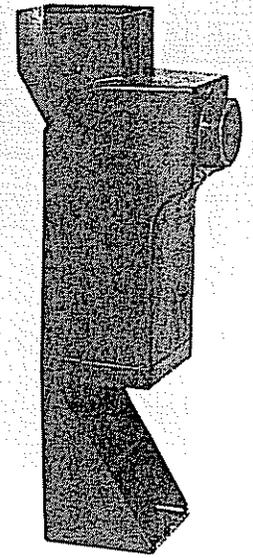
Pumping chamber  
X140475



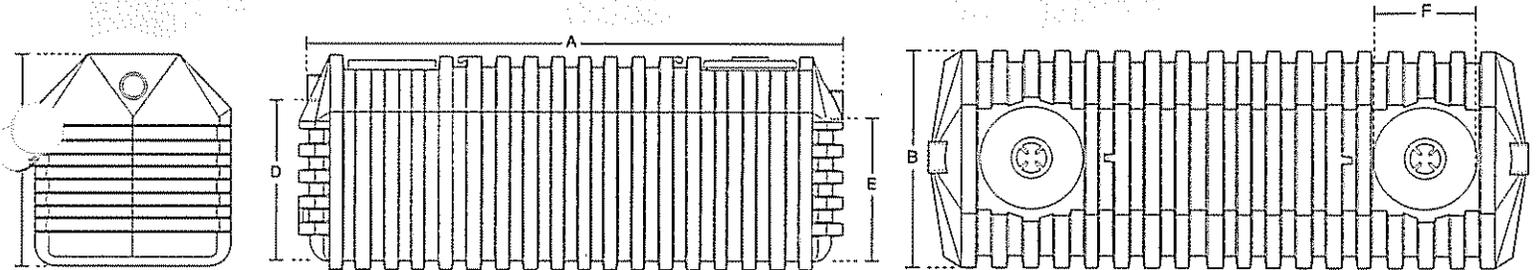
Chimney 20" x 12"  
(56 cm x 30 cm)  
X140500



Chimney 8" x 12"  
(20 cm x 30 cm)  
X140550



Anti-blocking elbow  
Gas deflector type  
X140400-C  
Standard on all  
our models



## SPECIFICATION SHEET: SEPTIC TANKS

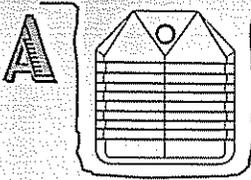


MODEL #		X142350	X142800	X143400	X143600	X143605	X143850	X145500	X145700	X140475
DESCRIPTION		Septic Tank	Holding Tank	Pumping Chamber						
WORKING CAPACITY	Gal (Imp.)	500	600	750	800	810	850	1200	1250	105
	Litres	2350	2800	3400	3600	3600	3850	5500	5700	475
	Gal (US)	620	750	920	950	975	1020	1450	1500	125
TOTAL LENGTH (A)	Inches	106	112	125	137	119	118	151	164	—
	cm	269	284	318	348	302	300	384	417	—
TOTAL WIDTH (B)	Inches	46	49	49	49	49	55	53	92	34
	cm	117	124	124	124	124	140	135	234	86
TOTAL HEIGHT (C)	Inches	52	53	53	53	62	53.5	63	35	45
	cm	132	135	135	135	157	136	160	89	114
INLET HEIGHT (D)	Inches	39	42	42	42	51	42	52	31	31
	cm	99	107	107	107	130	107	132	79	79
OUTLET HEIGHT (E)	Inches	36	39	39	39	48	39	49	—	—
	cm	91	99	99	99	122	99	124	—	—
CENTER OF OPENING (F)	Inches	19	19	19	19	19	19	19	19	19
	cm	48	48	48	48	48	48	48	48	48
WEIGHT	lb	355	380	440	460	460	542	586	660	75
	kg	160	173	200	209	209	246	266	300	34

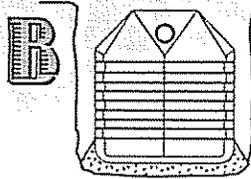
NOTE: MAXIMUM COVERING 39"/990 mm.  
NOMINAL VALUES.

# INSTALLATION PROCEDURES FOR POLYETHYLENE SEPTIC TANKS

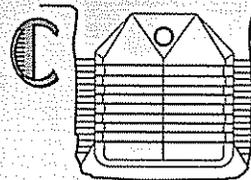
Filling: Never fill with large stones. Use sand or round gravel less than 1" in diameter or light sandy loam.



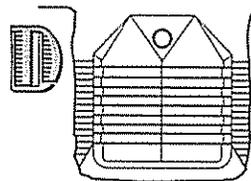
**EXCAVATION**  
 Maximum soil cover allowed  
 750 mm (2' 5-1/2")  
 30.48 cm (1' 0") all around  
 15.24 cm (6") min. in earth  
 30.48 (12") min. in rock



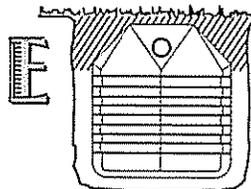
**PREPARATION OF THE BEDDING AND INSTALLATION**  
 Pay attention to the direction of flow: the inlet must be higher than the outlet.  
 Sand or well tamped gravel.



**FILLING THE INTERIOR AND CONNECTIONS**  
 a) fill the tank with water  
 b) while filling, make the plumbing connections; the inlet and the outlet are designed for pipes measuring 10.16 cm (4" standard) dia. — schedule 40 (exterior diameter 11.43 cm (4-1/2") PVC, ABS. Use the appropriate connections for your installation.



**FILLING THE EXTERIOR**  
 Fill in layers of 22.86 cm (9") and compact each layer well.  
 Never fill on only one side of the tank.  
 Fill around the tank uniformly.



**FILLING THE CROWN**  
 Allow access for inspection. When the tank is full of water, fill the excavation up to the desired level to a maximum of 750 mm (2' 5-1/2"). A chimney can be installed to the length the customer wants.

## GENERAL INFORMATION

- Never use pointed tools near the tank.
- For more information on septic tanks or on regulations relating to the evacuation and treatment of wastewater from isolated homes, see the proposed regulation of the Environment Quality Act, published in the Gazette officielle du Québec, April 23, 1980. For areas outside of Quebec, please refer to the regulations for your respective province or state.
- Locate the tank and the sewage disposal field where no vehicle can drive over them as freezing can cause harm to the system.
- A septic tank or holding tank must never be installed where a permanent body of water is higher than the bottom of the tank.

## GUARANTEE

We guarantee Enviro Plus septic tanks against any manufacturing defects. The guarantee is valid only for the original owner and original installation, for a period of twenty-five years from the initial installation.

Under this guarantee, our liabilities are limited to the replacement of the defective tank with another Enviro Plus tank once the manufacturing defect has been proven and the conditions of the guarantee fulfilled. Plasti Drain Ltée is not

responsible for any damage or defect suffered by a tank as a result of improper installation, negligence, or for any other reason. Moreover, Plasti Drain Ltée assumes no responsibility for any injuries suffered by individuals or damage caused to property or the environment following any leakage from a tank.

This guarantee replaces all other warranties, express or implied, as well as all other obligations and responsibilities for

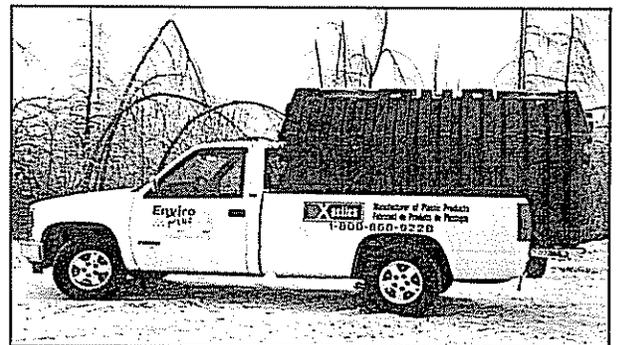
this sale and we do not authorize anyone to assume such responsibility in our name.

For the purpose of this guarantee, the term "original owner" refers to the person who initially requested the installation of this tank on this property.

The government authorities have given the manufacturer the approvals necessary in most jurisdictions. The details of these approvals will be supplied on request.

## OTHER PRODUCTS

- Polyethylene tanks: 50 to 3000 imp. gals.
- Wheeled carts: 32 models
- Double wall isothermal tanks
- Single wall containers
- Sub-contracting of rotational molding



## DISTRIBUTOR:

**Plasti Drain Ltée (Head Office)**

291, Route 201, St-Clet, Quebec, Canada J0P 1S0

1 (800) 363-5142 TEL.: 1 (450) 456-3535 FAX: 1 (450) 456-3828

**Plasti Drain Ltée (Joliette) Xactics**  
 499, rue Calixa-Lavallée, Joliette  
 Quebec, Canada J6E 7E2  
 1 (800) 668-9228  
 TEL.: 1 (450) 756-0531  
 FAX: 1 (450) 756-1127

**Plasti Drain Ltée (Alma)**  
 161, Claire Fontaine, Alma  
 Quebec, Canada G8B 6G9  
 1 (800) 667-2139  
 TEL.: 1 (418) 668-6181  
 FAX: 1 (418) 668-3571

**Plasti Drain Ltée (Lévis)**  
 900, Jean-Marchand, Lévis  
 Quebec, Canada G6V 9G7  
 1 (800) 663-2446  
 TEL.: 1 (418) 833-7156  
 FAX: 1 (418) 833-9719