Darlow Ent. 8-4-22 Hengle

## JACOBSON PRECAST CONCRETE, LLC

TANK INSTALLATION	INSTRUCTIONS
	1
Model # /6505P Date Built: 5 /3 22	Gallons: 150 Bury Depth

Model #\_\_\_\_\_ Bury Depth\_\_\_\_

#### SITE CONDITION:

The site must be accessible to large, heavy trucks. Free of items like trees, stumps, overhead wires, etc. That could interfere with delivery or installation and allows trucks to within 3 to 5 ft of placement excavation.

### **EXCAVATION:**

Excavation should be approximately 12" minimum larger than tank size to allow for adequate back fill. This may vary with soil conditions. Excavation shall have a level bottom so the weight bears on the outside walls of the tank.

### BEDDING:

Each tank should be placed on about 6" of proper bedding material leveled, and should be compacted to minimum 95% compaction if tested, to ensure the life of the tank structure. Bedding must be capable of bearing the weight of the tank. Bedding material shall have the ability of 100% to pass through a ½" screen.

#### WATER TABLE:

When tanks are being placed where water levels can potentially be higher than the elevation of the tank cover, an alternate location should be considered. If water table is high installer must also consider the tank my float, if this is a possibility tank must be tied down before backfilling.

#### **BACKFILL MATERIAL:**

Sidewall of tanks require dry backfill materials that have the ability of 100% to be able to pass through a 2" screen and a minimum of 12" on all sides from the bottom to top of tank. Backfill material shall be placed to avoid impact loads on sidewall of the tank.

#### COVER MATERIAL:

Cover material shall be dry soil, material that has the ability of 100% to be able to pass through a 2' screen. Cover material shall be mounded over tank and around risers to direct run-off away from both.

#### **INLET & OUTLET:**

Pipe not to exceed 1" past the interior wall of tank where a baffle is used.

**BURIAL DEPTH:** Tanks to be installed according to model's maximum bury recommendations:

# AITKIN COUNTY CERTIFICATE OF INSTALLATION/NOTICE OF NONCOMPLIANCE

This certificate of installation/notice of noncompliance has been issued this 13th day of December, 2022 to certify compliance\noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance.
The premises covered by this certificate are legally described as:  Lots 19 thru 22 Indian Portage
Section 20 Township 49 Range 23 Lake PERMIT NO. 47153 Owner Name Trevor Heagle Address 48670 204th Ave McGregor, Mn 55760 Installer Name Darlow Excavating Type of System Inspected 2 Bdrm Type I Mound Parcel Number 29-1-077100
The certificate of installation/notice of noncompliance was based on No 1 of the following:  1) Inspection of the installation or construction as in accordance with the above referenced permit and application design.
2) Review of as-built plans submitted in accordance with Subdivision 9.2 D of Aitkin County's Subsurface Sewage Treatment System Ordinance.
If the above permitted subsurface sewage treatment system is in noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance, then the following shall serve as a Notice of Violation:  1) Statement of the findings of fact through inspections or investigations:
2) List of specific violations of Ordinance:
3) Requirements for correction or removal of violations:
4) Time schedule for compliance:
Failure to correct or remove the above violation(s) will result in this matter being turned over to the Aitkin County Attorney's Office for further legal action, which may result in revocation of licenses, fines and/or imprisonment.
INSPECTOR SIGNATURE Lumock

# SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM AITKIN COUNTY, MINNESOTA 12-13-22 Fixed

parcel Number 26/-077(66)  Installer Decomp  Zip Code 5576(2)  Dist. or DROP BOX & TYPE  TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD: Trench/Bed depth  Trench/Bed betw midth  Trench/Bed depth  Trench/Bed depth  Trench/Bed depth  Trench/Bed betw midth  T	Township Shames Date of Inspection	n 3-4-22 triting App. Number 2022-00924	
TIPACKS:  INTERCHES, BEDS, OR GRAVELLESS LEACHFIELD:  Trench/Bed depth  Trench/Bed length  Trench/Bed length  Trench/Bed bottom width  Trench/Bed bettom width  Trench/Bed bottom width  Trench/Bed bottom width  Trench/Bed bettom width  Trench/Bed bottom width  Trench/Bed	· · ·		
TRACKS:  Ilidings to tank(s)  Ilidings to tank(s)  Ilidings to drainfield IDS  Interch/Bed depth  Trench/Bed depth  Trench/Bed depth  Trench/Bed bottom width  Trench/Bed b	Project Address 48676 224 Ave	Installer Dashous	
TRACKS:  Ilidings to tank(s)  Ilidings to tank(s)  Ilidings to drainfield IDS  Interch/Bed depth  Trench/Bed depth  Trench/Bed depth  Trench/Bed bottom width  Trench/Bed b	City Mc Conegor Zip Code 557	760	
TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD: Trench/Bed depth Trench/Bed depth Trench/Bed length Trench/Bed longth Trench/B		N.	
Ilidings to tank(s)  Ilidings to drainfield   International			
Trench/Bad length Trench/Bad bottom width Trench/Bad bottom Data bottom Trench/Bad bottom Data bottom Width Trench/Bad bottom Width The Manual Bottom Width The Mount Bott		8	
Trench/Bed bottom width Trench spacing Drainfield rock below pipe Size of gravelless pipe Depth of backfill Absorption area: square feet lineal feet MOUNDS: Percent slope Mounds size Mounds Mindle to grade  We Existing Mounds Mindle to grade  We Existing Mindle to grade  We Existing Mounds Mindle to grade  We Existing Mindle to grade  We Existing Mounds  We Perfort of the low pipe  We and width  We Drainfield rock below pipe  Depth of backfill  Absorption area: square feet  Ineal feet  Mounds:  Percent slope  We perforation size & spacing  We have  We perforate the model of the mound of the	5-4- <b>6</b>		
Trench spacing Drainfield rock below pipe Size of gravelless pipe Depth of backfill Absorption area: square feet lineal feet spection pipes spection pipes IMPS: New Existing IMPS: No Upsiope sand width IMP Impalied rock below pipe Impalied rock below	2		
Drainfield rock below pipe Size of gravelless pipe Depth of backfill Absorption area: square feet lineal feet Inholes to grade IMPS: New Existing Mounds: Downslope sand width Downslope sand width Downslope sand width IMPS: IM			
Size of gravelless pipe  Depth of backfill  Absorption area: square feet  lineal feet  MOUNDS:  Percent slope  Upsiope sand width  Downslope sand width  Dirainfield rock below pipe  et of head  Be of discharge line  Depth of sand below rock  Perforation size & spacing  Dimensions of rock bed  Dimensions of rock bed  Dimensions of sand base  Dimensions of sand ba	Lake/Oreen/Wetlallu	<b>Y</b>	
Depth of backfill Absorption area: square feet lineal feet  MOUNDS: Absorption area: square feet lineal feet	CERTIC TANKS. Now. Y Fullette	/	
Absorption area: square feet lineal feet l			
ineal feet spection pipes spector's Signature  MOUNDS: Percent slope Upslope sand width U	~ 1		
MOUNDS: Percent slope Upslope sand width // Downslope sand width // Perforation size & spacing // Perforation size		1	
Percent slope  Inholes size Percent slope  Upslope sand width  Downslope sand width  Downslope sand width  Downslope sand width  Downslope sand width  Drainfield rock below pipe  Depth of sand below rock  Perforation size & spacing  Pipe size & spacing  Dimensions of rock bed  Dimensions of sand base 28 × 53  Final cover  Perforation size & spacing  Pipe size & sp			
Upslope sand width /4 Downslope sand width /4 Downslop	CONTRACTOR AND	_	
Downslope sand width 14 Sideslope sand width 14 Sideslope sand width 14 Sideslope sand width 14 Drainfield rock below pipe Depth of sand below rock 2 1 1 1 Perforation size & spacing 1/2 1/3 Perforation size & spacing 1/2 1/3 Pipe size & spacing 1/2 1/3		N.I.	
Sideslope sand width  Drainfield rock below pipe  Depth of sand below rock  Perforation size & spacing  Pipe size & spacing  Pipe size & spacing  Dimensions of rock bed  Dimensions of rock bed  Dimensions of sand base 38%53  Final cover  RAWING OF SYSTEM: (include soils)  Sideslope sand width  Drainfield rock below pipe  Depth of sand below rock  Perforation size & spacing  Pipe size	Manhole to grade Yes No		
Drainfield rock below pipe 3  Depth of sand below rock 2  Perforation size & spacing 1/2 X 3  Pipe size & spacing 1/2 X 3  Pipe size & spacing 1/2 X 3  Dimensions of rock bed 1 X 25  Dimensions of rock bed 1 X 25  Dimensions of sand base 38 X 5 3  Final cover 18  RAWING OF SYSTEM: (include soils)  Priorition size & spacing 1/2 X 3  Dimensions of rock bed 1 X 25  Dimensions of sand base 38 X 5 3  Final cover 18  Priorition size & spacing 1/2 X 3  Dimensions of rock bed 1 X 25  Dimensions of sand base 38 X 5 3  Final cover 18  Priorition size & spacing 1/2 X 3  Dimensions of rock bed 1 X 25  Dimensions of sand base 38 X 5 3  Final cover 18  Priorition size & spacing 1/2 X 3  Pipe size & spacing 1/2 X 3  Dimensions of rock bed 1 X 25  Dimensions of sand base 38 X 5 3  Final cover 18  Priorition size & spacing 1/2 X 3  Pipe size & spacing 1/2 X 3  Pipe size & spacing 1/2 X 3  Pipe size & spacing 1/2 X 3  Dimensions of rock bed 1 X 25  Dimensions of sand base 38 X 5 3  Final cover 18  Priorition size & spacing 1/2 X 3  Pipe size & spacing 1/2 X 3  P		1-8	
mp manufacturer & model # Period Period Period Sand below rock Perforation size & spacing Perforation			
Perforation size & spacing 1/4 X 3 Pipe size & spacing 1/4 X 3 Pipe size & spacing 1/2			
Pipe size & spacing 1/2 k.3 Dimensions of rock bed 10 x 25 Dimensions of sand base 38 x 53 Final cover 18 Final		11 7	
Dimensions of rock bed 10 x 25 Dimensions of rock bed 10 x 25 Dimensions of sand base 38 x 53 Pinal cover 18 15 Dimensions of sand base 38 x 53 Final cover 18 15 Dimensions of rock bed 10 x 25 Dimensions of rock bed 10 x 25 Dimensions of sand base 38 x 53 Final cover 18 15 Dimensions of rock bed 10 x 25 Dimen	, , , , , , , , , , , , , , , , , , , ,		
Dimensions of sand base 38K53  pe & location of alarm	* %	Pipe size & spacing 1/2 K3	
spector's Signature  Final cover 18	Gallons per cycle <u> </u>		
spector's Signature  Final cover_18"  Fi	Size of discharge line	Dimensions of sand base $38 \times 53$	
Spector's Comments:  Installer's Signature  Installer's Signature	Type & location of alarm Eur @ \unk	Final cover_18"T 12"5	
spector's Comments:    Solution   Superior   Signature   Signature	Water meter		
spector's Comments:    Solution   Superior   Signature   Signature	DRAWING OF SYSTEM: (include soils)		
spector's Comments:    Dro   Lake			
spector's Comments:    Dro   Lake		/	
spector's Comments:    Dro   Lake			
spector's Comments:    Dro   Lake			
spector's Comments:    Dro   Lake	2047	/ /	
spector's Comments:    Dro   Lake	Ave		
spector's Comments:    Dro   Lake		104R3/2	
spector's Comments:    Dro   Lake	0-6'-	T.3 1091 -18414	
spector's Comments:    Dro   Lake	1-14)"	Sway 1011	
spector's Comments:    Dro   Lake		Lourn m /////	
spector's Comments:    Dro   Lake     Ave     Spector's Signature   Installer's Signature	12" Reso	× 9.7 ×	
spector's Comments:  Spector's Signature Land Installer's Signature			
spector's Comments:  Spector's Signature Land Installer's Signature	3		
spector's Comments:  Spector's Signature   Installer's Signature			
spector's Comments:  Spector's Signature   Installer's Signature	-	-	
spector's Comments:		Lake	
spector's Comments:	, n7	- / Ave /	
spector's Signature X - Lord Installer's Signature	Inspector's Comments:		
	÷		
	Inspector's Signature X Installer's Signature		
	Rev:1/13 White – County Yello		