

Should questions arise during the processing of this application please contact:
Norm Young - ERO Resources Corp. (208) 373-7983

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. **65-22943**

1. Owner: **SENECA FOODS CORP**

Phone No. **208-642-9061 (Russ Grubb)**

Current Address: **P.O. Box 460, Payette, Idaho 83661**

2. Accompanied by: **Russ Grubb and Chris Mayes**

EXAM DATE: **July 13, 2006**

Address: **Listed above**

Phone No. **Listed above**

Relationship to Permit Holder: **Director of Operations and Manager of Payette Plant, respectively.**

3. Source: **Ground water** tributary to: **N.A.**

B. OVERLAP REVIEW

1. Other water rights with the same place of use: **None owned by the permitholder for the same purposes of use (See Attachment Nos. 1A and 1B)**

2. Other water rights with the same point of diversion: **None owned by the permitholder for the same purposes of use (See Attachment No. 1A)**

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SW	NE	33	09N	05W	PAYETTE	IDWR ONLINE MAPPING AND GPS READING

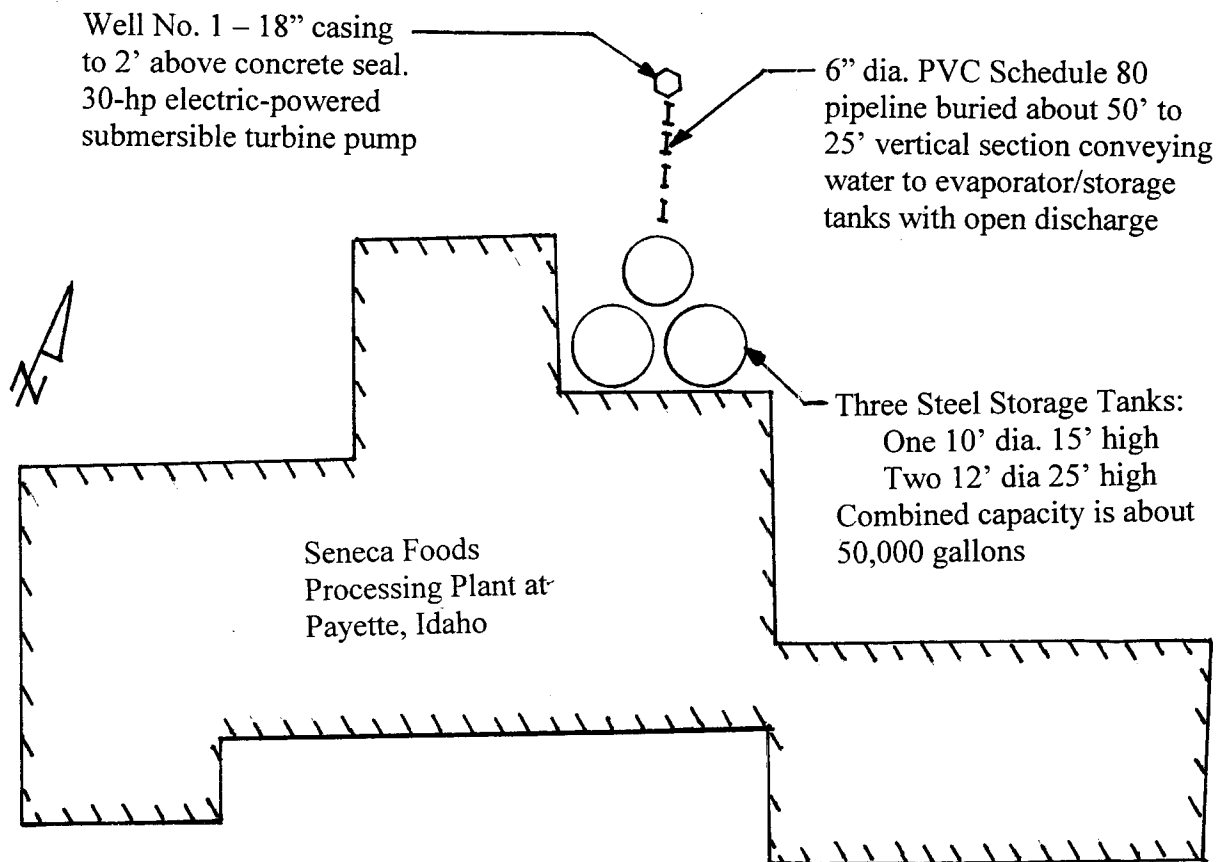
2. Place(s) of Use:

Indicate Method of Determination: **IDWR ONLINE MAPPING AND GPS READING**

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09N	05W	33			I,F											I,F			
																L 2			

"I" = Industrial Use; "F" = Fire Protection Use; "L" = Government Survey Lot

3. **Delivery System Diagram.** indicate all major components and distances between components. Indicate weir size / ditch size / pipe i.d. as applicable.



Scale: 1" = **NOT TO SCALE**

XXCopy of USGS Quadrange Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

ATTACHMENT NO. 2

XXAerial Photo Attached (required for irrigation of 10+ acres)

ATTACHMENT NOS. 3A & 3B

XXPhoto of Diversion and System Attached

ATTACHMENT NOS. 4A - 4D

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well No. 1	Franklin	30 HP	Not available	Berkeley	6T-275

*Code to correspond with No. on map and aerial photo

PUMP CURVES AND OTHER INFORMATION IS INCLUDED IN ATTACHMENT 5.

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
POLYSONIC	N.A.	PEEK	DCT7088	33508	N.A.	JUNE 2006
KROHNE Meter		KROHNE	A95.6069		4 IN.	UNKNOWN

2. Measurements: **POLYSONIC READING 370 GPM.**
KROHNE READING 390 GPM.

E. NARRATIVE / REMARKS , COMMENTS

1. THE WELL WAS DRILLED IN 1991 AND MODIFIED IN 1992 TO DIVERT AND USE WATER UNDER PERMIT NO. 65-13314 (LAPSED).
2. THE WELL LOGS (ATTACHMENT 6) INDICATE THAT THE WELL BORE EXTENDS TO 470 FEET WITH A JOHNSON WELL SCREEN INSTALLED IN THE 418 TO 458 FEET INTERVAL BELOW LAND SURFACE. THE CASING OBSERVABLE AT THE SURFACE IS 18-INCH DIAMETER EXTENDING ABOUT 2 FEET ABOVE A CONCRETE SURFACE SEAL. A SUBMERSIBLE PUMP INSTALLED IN THE WELL DISCHARGES INTO A 6-INCH DIAMETER SCHEDULE 80 PVC PIPELINE DELIVERING WATER TO THE PLANT.
3. WELL TESTS WERE PERFORMED IN FEBRUARY 2006 BY RIVERSIDE, INC TO PROVIDE DATA FOR SIZING THE PUMP TO USE THE FULL CAPABILITY OF THE EXISTING WELL (ATTACHMENT 7).
4. THE WELL WAS INITIALLY EQUIPPED WITH A SMALLER ELECTRIC SUBMERSIBLE PUMP. IN JUNE 2006, THIS SYSTEM WAS UPGRADED TO A 30 HP ELECTRIC-POWERED SUBMERSIBLE PUMP.
5. WATER IS USED FOR INDUSTRIAL PURPOSES AT THE SENECA PLANT. THE PRINCIPAL USE IS FOR COOLING OF INDUSTRIAL COOKERS USED IN CANNING BEANS AND OTHER AGRICULTURAL PRODUCTS. THE PLANT OPERATES, AT TIMES, ON A CONTINUOUS SCHEDULE, I.E., 24-HOURS PER DAY 7 DAYS PER WEEK, YEAR AROUND.
6. WATER FROM THE CITY OF PAYETTE MUNICIPAL SYSTEM IS ALSO USED FOR INDUSTRIAL PURPOSES IN THE PLANT.
7. WATER USED FOR COOLING PURPOSES IS NOT EVAPORATED, CAN BE RECYCLED AND IS DISCHARGED EITHER TO THE PAYETTE RIVER (NWSE (LOT 2) SECTION 33, T09N, R05W) UNDER AN NPDES PERMIT OR TO THE CITY OF PAYETTE SEWER SYSTEM.
8. RULE 45.03 OF THE "RULES FOR BENEFICIAL USE EXAMINATIONS," IDAPA 37.03.02, PROVIDES FOR THE POINT OF DIVERSION TO BE DESCRIBED TO THE NEAREST 40 ACRE LEGAL SUBDIVISION. THE LOCATION TO THE NEAREST 10-ACRE LEGAL SUBDIVISION APPEARS TO BE THE SESWNE, SECTION 33 BASED UPON A GPS READING OF N44° 04' 34.4" W116° 56' 26.0" (NAD 83) AND IDWR'S INTERACTIVE MAPPING WITH THE PUBLIC LAND SURVEY OVERLAY. HOWEVER, DESCRIBING THE WELL LOCATION MORE PRECISELY THAN TO THE NEAREST 40 ACRE PARCEL USING THIS INFORMATION IS NOT WARRANTED BECAUSE OF OBVIOUS DEVIATIONS BETWEEN THE LOCATION OF SECTION LINES SHOWN BY THE OVERLAY AND THE LOCATION OF ROADS, FENCES AND OTHER CULTURAL FEATURES ON THE PHOTOGRAPHIC BASE (ATTACHMENT 3A).

Have conditions of permit approval been met? XX yes ___ no

F. FLOW CALCULATIONS
Measured Method:

NO Additional Computation Sheets Attached

THE DISCHARGE OF THE PUMP WAS MEASURED IN THE 6-INCH DIAMETER SCHEDULE 80 PIPE IN A VERTICAL SECTION EXTENDING FROM THE WELL TO THE PLANT. THE MEASUREMENT WAS MADE USING A PEEK POLYSONIC METER WITH EXTERNAL TRANSDUCERS TEMPORARILY ATTACHED TO THE PIPE. THE MEASUREMENT LOCATION COMPLIED WITH THE RECOMMENDATION OF 10 PIPE DIAMETERS UPSTREAM AND 5 PIPE DIAMETERS DOWNSTREAM. THE METER OPERATED AT 100% SIGNAL STRENGTH AT THE TIME OF MEASUREMENT.

A MEASUREMENT OF THE FLOW RATE WAS ALSO TAKEN BY OBSERVING THE READING ON THE KROHNE METER PERMANENTLY INSTALLED IN THE DELIVERY PIPE JUST UPSTREAM OF THE

LOCATION USED FOR THE POLYSONIC MEASUREMENT. THE MEASUREMENTS AGREED WITHIN 5 TO 10 PERCENT, BUT BECAUSE INFORMATION IS NOT AVAILABLE TO VALIDATE THE INSTALLATION, MAINTENANCE AND CALIBRATION OF THIS DEVICE, THE RECOMMENDATION IS BASED UPON THE POLYSONIC METER MEASUREMENT.

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\text{N.A.}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\text{N.A.}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\text{N.A.}}$$

2. Volume Calculations for Other Uses:

INDUSTRIAL USE:

(370 GPM)(525,600 MINUTES PER YEAR) DIVIDED BY 325,851 GAL/AF = 597 AF/YR

FIRE PROTECTION:

QUANTIFICATION IS UNNECESSARY PER RULE 35.01.J OF THE "RULES FOR BENEFICIAL USE EXAMINATIONS," IDAPA 37.03.02.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<u>INDUSTRIAL</u>	<u>1/1</u>	<u>12/31</u>	<u>0.82 CFS</u>	<u>597 AF</u>
<u>FIRE PROTECTION</u>	<u>1/1</u>	<u>12/31</u>	<u>0.82 CFS</u>	<u>N.A.</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
			Totals: <u>0.82 CFS</u>	<u>597 AF PER YEAR</u>

2. Recommended Amendments

____ Change P.D. as reflected above ____ Add P.D. as reflected above XX None
____ Change P.U. as reflected above ____ Add P.U. as reflected above ____ Other

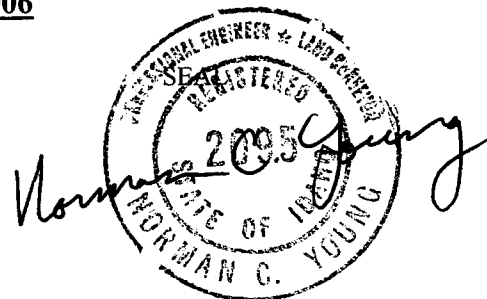
I. AUTHENTICATION

Field Examiner's Name: Norman C. Young, P.E.

Date: July 17, 2006

Reviewer _____

Date _____



IDWR Water Right and Adjudication Search

ATTACHMENT NO. 1A

Note: This search tool identifies active water rights and active transfers. If you want to search both active and inactive water rights, please check the box below.

☐ Search for both active and inactive water right records.

Search Results

Type of Query

USAGE INSTRUCTION

☒ All SRBA & Water Rights	
SRBA ☐ Claims ☐ Recommendations ☐ Both	Water Rights ☐ Applications ☒ Permits ☒ Decrees, Licenses and Statutory Claims ☐ Transfers ☐ All of the above

Basin Who What When Where

Clear Search Help

Query parameters:

Township = 9n

Range = 5w

Section = 33

QQ = SW

Quarter = NE

Search for: active Records

Information for type: Claim

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details Related Documents General Provision	1	65	165	A		Decreed	Active	1884-03-22	63.32	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)

Details Related Documents General Provision	2	65	165	B		Decreed	Active	1896-06-20	37.63	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	3	65	165	C		Decreed	Active	1917-04-01	59.23	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	4	65	165	X		Decreed	Active	1882-06-01	122.12	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	5	65	2927	H		Decreed	Active	1937-12-24		PAYETTE RIVER NORTH FORK	IRRIGATION FROM STORAGE, IRRIGATION STORAGE	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	6	65	7882			Permit	Active	1977-05-13	30	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	7	65	11413			Decreed	Active	1945-05-07	60	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	8	65	12019			Permit	Active	1977-09-22	0.22	GROUND WATER	IRRIGATION, MUNICIPAL	CITY OF PAYETTE (Current)

Information for type: Recommendation

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details Related Documents General Provision	9	65	165	A	1	Decreed	Active	1884-03-22	63.32	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	10	65	165	B	1	Decreed	Active	1896-06-20	37.63	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	11	65	165	C	1	Decreed	Active	1917-04-01	59.23	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	12	65	165	X	1	Decreed	Active	1882-06-01	122.12	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	13	65	7425		1	License	Active	1973-10-11	12.54	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	14	65	7428		1	License	Active	1973-10-25	2.44	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details Related Documents General Provision	15	65	7848		1	License	Active	1977-04-15	2.14	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY

												(Current)
Details	16	65	7882		1	License	Active	1977-05-13	30	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	17	65	7885		1	License	Active	1977-07-16	12.54	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	18	65	11413		1	Beneficial Use	Active	1945-05-07	60	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	19	65	12279		1	License	Active	1980-04-07	3.02	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												

Information for type: Statutory Claim, Decree and License

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details	20	65	165	X		Decreed	Active	1882-06-01	122.12	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	21	65	783			Decreed	Active	1955-04-01	0.1	GROUND WATER	DOMESTIC, STOCKWATER	OREGON SHORT LINE RAILROAD CO (Current); UNION
General Provision												

												PACIFIC RAILROAD CO (Current)
Details General Provision	22	65	3669			Decreed	Active	1959-04-01	0.04	GROUND WATER	DOMESTIC	POSEY, CATHLEEN ANN (Current); POSEY, DAVID LEE (Current)
Details General Provision	23	65	4144			Decreed	Active	1941-01-01	0.04	GROUND WATER	DOMESTIC	GREER, L H (Current); GREER, PEARL M (Current)
Details Related Documents General Provision	24	65	5900			Decreed	Active	1968-05-01	0.04	GROUND WATER	DOMESTIC	MC CREA, C H (Current)
Details General Provision	25	65	5978			Decreed	Active	1945-04-01	2.23	PAYETTE RIVER	INDUSTRIAL	DAIRYMENS CREAMERY ASSN INC (Current)
Details General Provision	26	65	8203			Decreed	Active	1955-02-16	0.04	GROUND WATER	DOMESTIC	SCHIEBLER, ANNA R (Current)
Details Related Documents General Provision	27	65	11413			Decreed	Active	1945-05-07	60	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Details General Provision	28	65	18462			Decreed	Active	1986-01-15	0.04	GROUND WATER	DOMESTIC	AMES, TOM (Current); DE BORD, DON (Current)

Information for type: Permit

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details	29	65	22943				Active	2005-03-01	2	GROUND WATER	FIRE PROTECTION, INDUSTRIAL	SENECA FOODS CORP (Current)
Related Documents												
General Provision												

Number of records = 29

IDWR Water Right and Adjudication Search

ATTACHMENT NO. 1B

Note: This search tool identifies active water rights and active transfers. If you want to search both active and inactive water rights, please check the box below.

☐ Search for both active and inactive water right records.

Search Results

Type of Query

USAGE INSTRUCTION

☒ All SRBA & Water Rights

SRBA

- ☐ Claims
☐ Recommendations
☐ Both

Water Rights

- ☐ Applications
☒ Permits
☒ Decrees, Licenses and Statutory Claims
☐ Transfers
☐ All of the above

Basin Who What When Where

Clear

Search

Help

Query parameters:

Township = 9n

Range = 5w

Section = 33

QQ = NW

Quarter = SE

Search for: active Records

ATTACHMENT NO. 1B

Information for type: Claim

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details	1	65	165	A		Decreed	Active	1884-03-22	63.32	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												

7/18/2006

Details	2	65	165	B		Decreed	Active	1896-06-20	37.63	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	3	65	165	C		Decreed	Active	1917-04-01	59.23	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	4	65	165	X		Decreed	Active	1882-06-01	122.12	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	5	65	2927	H		Decreed	Active	1937-12-24		PAYETTE RIVER NORTH FORK	IRRIGATION FROM STORAGE, IRRIGATION STORAGE	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	6	65	6021			Decreed	Active	1940-07-01	0.2	PAYETTE RIVER	IRRIGATION	AMERICAN FINE FOODS INC (Current)
Related Documents												
General Provision												
Details	7	65	7882			Permit	Active	1977-05-13	30	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	8	65	11413			Decreed	Active	1945-05-07	60	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	9	65	12019			Permit	Active	1977-09-22	0.22	GROUND	IRRIGATION,	CITY OF PAYETTE
Related Documents												
General Provision												

Related Documents										WATER	MUNICIPAL	(Current)
General Provision												
Details	10	65	12101			License	Active	1978-03-13	0.07	PAYETTE RIVER	DOMESTIC, IRRIGATION	WILLOUGHBY JEFFERSON (Current)
Related Documents												
General Provision												

Information for type: Recommendation

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner
Details												LOWER PAYETTE DITCH COMPANY (Current)
Related Documents	11	65	165	A	1	Decreed	Active	1884-03-22	63.32	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
General Provision												
Details												LOWER PAYETTE DITCH COMPANY (Current)
Related Documents	12	65	165	B	1	Decreed	Active	1896-06-20	37.63	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
General Provision												
Details												LOWER PAYETTE DITCH COMPANY (Current)
Related Documents	13	65	165	C	1	Decreed	Active	1917-04-01	59.23	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
General Provision												
Details												LOWER PAYETTE DITCH COMPANY (Current)
Related Documents	14	65	165	X	1	Decreed	Active	1882-06-01	122.12	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
General Provision												
Details												AMERICAN FINE FOODS INC (Current)
Related Documents	15	65	6021		1	Decreed	Active	1940-07-01	0.2	PAYETTE RIVER	IRRIGATION	AMERICAN FINE FOODS INC (Current)
General Provision												

Details	16	65	7425		1	License	Active	1973-10-11	12.54	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	17	65	7428		1	License	Active	1973-10-25	2.44	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	18	65	7848		1	License	Active	1977-04-15	2.14	PAYETTE RIVER	IRRIGATION	LOWER PAYETT DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	19	65	7882		1	License	Active	1977-05-13	30	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	20	65	7885		1	License	Active	1977-07-16	12.54	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	21	65	11413		1	Beneficial Use	Active	1945-05-07	60	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	22	65	12101		1	License	Active	1978-03-13	0.07	PAYETTE RIVER	DOMESTIC, IRRIGATION	WILLOUGHBY JEFFERSON (Current)
Related Documents												
General Provision												
Details										GRAVEYARD		LOWER PAYETTE

Related Documents	23	65	12279		1	License	Active	1980-04-07	3.02	GULCH WASTEWAY	IRRIGATION	DITCH COMPANY (Current)
General Provision												

Information for type: Statutory Claim, Decree and License

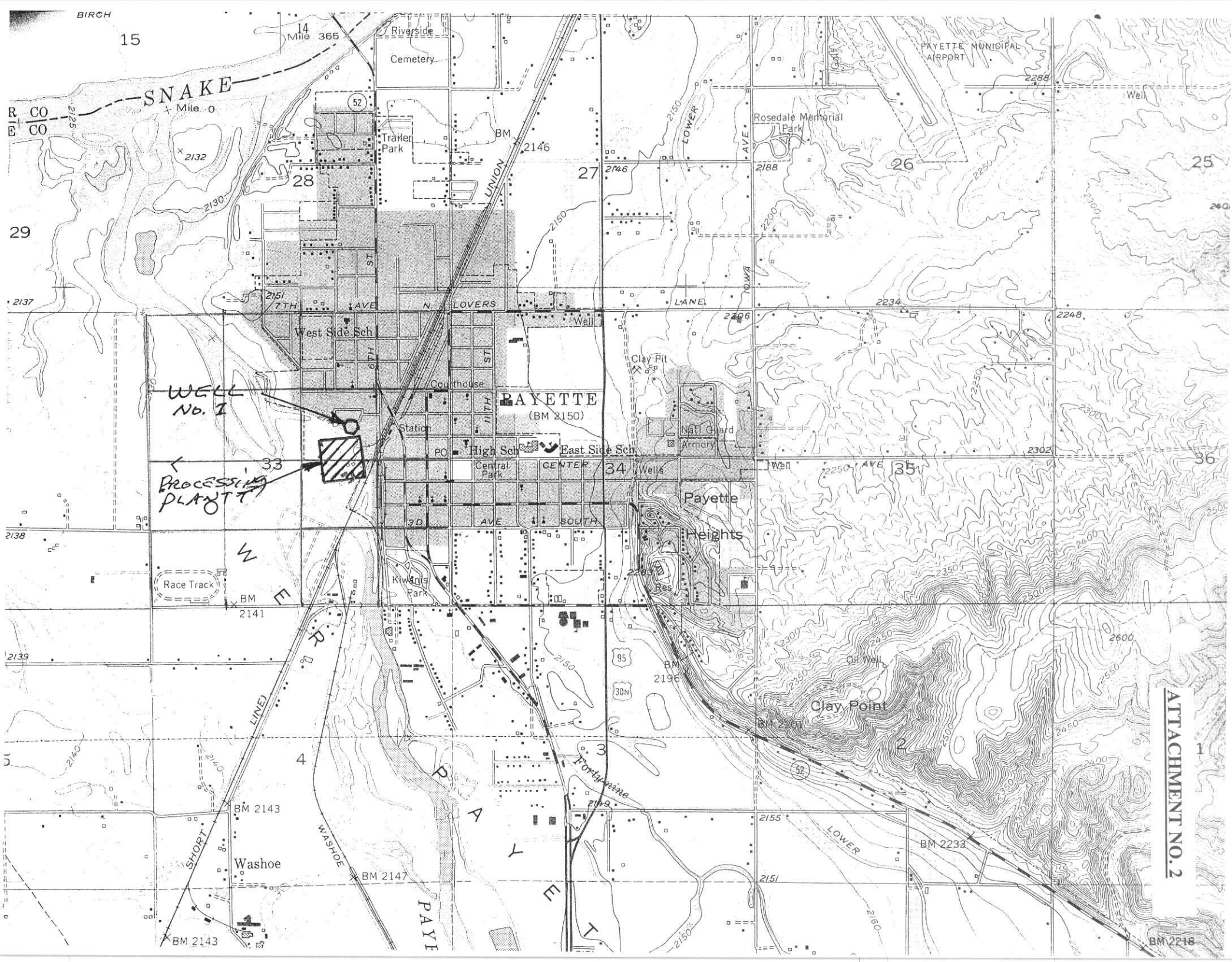
	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details												
Related Documents	24	65	72			Decreed	Active	1895-10-09	39.99	PAYETTE RIVER	IRRIGATION	WASHOE IRRIGATION WATER POWER CO LTD (Current)
General Provision												
Details												
Related Documents	25	65	165	X		Decreed	Active	1882-06-01	122.12	PAYETTE RIVER	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
General Provision												
Details												
General Provision	26	65	783			Decreed	Active	1955-04-01	0.1	GROUND WATER	DOMESTIC, STOCKWATER	OREGON SHORT LINE RAILROAD CO (Current); UNION PACIFIC RAILROAD CO (Current)
Details												
Related Documents	27	65	5800	B		Decreed	Active	1940-06-01	0.77	PAYETTE RIVER	STOCKWATER	C/C LLC (Current)
General Provision												
Details												
General Provision	28	65	5978			Decreed	Active	1945-04-01	2.23	PAYETTE RIVER	INDUSTRIAL	DAIRYMENS CREAMERY ASSN INC (Current)
Details												
General Provision										PAYETTE		AMERICAN

Related Documents	29	65	6021			Decreed	Active	1940-07-01	0.2	RIVER	IRRIGATION	FINE FOODS INC (Current)
General Provision												
Details	30	65	8203			Decreed	Active	1955-02-16	0.04	GROUND WATER	DOMESTIC	SCHIEBLER, ANNA R (Current)
General Provision												
Details	31	65	11413			Decreed	Active	1945-05-07	60	GRAVEYARD GULCH WASTEWAY	IRRIGATION	LOWER PAYETTE DITCH COMPANY (Current)
Related Documents												
General Provision												
Details	32	65	12101			License	Active	1978-03-13	0.04	PAYETTE RIVER	DOMESTIC, IRRIGATION	RILEY, V L D CHRISTIANS (Current)
Related Documents												
General Provision												
Details	33	65	19594			Decreed	Active	1895-10-09	0.02	PAYETTE RIVER	STOCKWATER	C/C LLC (Current)
Related Documents												
General Provision												
Details	34	65	21331			Decreed	Active	1982-05-20	0.04	GROUND WATER	DOMESTIC	LONG, KELL (Current)
General Provision												

Information for type: Permit

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details												
Related Documents	35	65	22943				Active	2005-03-01	2	GROUND WATER	FIRE PROTECTION, INDUSTRIAL	SENECA FOODS CORP (Current)
General Provision												

Number of records = 35





SOURCE: IDWR WEBSITE "WELL DRILLERS' LOCATOR TOOL"
GPS READING FOR WELL: N44° 04' 34.4" W116° 56' 26.0" (NAD 83)



ATTACHMENT NO. 3B

**SOURCE: IDWR WEBSITE “INTERACTIVE MAPPING TOOL” WITH
PUBLIC SURVEY OVERLAY WITH HIGH RESOLUTION COLOR (NAIP)
BACKGROUND IMAGE**

Permit No. 65-22943
Seneca Foods Corp.
July 13, 2006

Well, Pipeline Supplying
Cooler, Evaporation Tower
and Storage Tanks

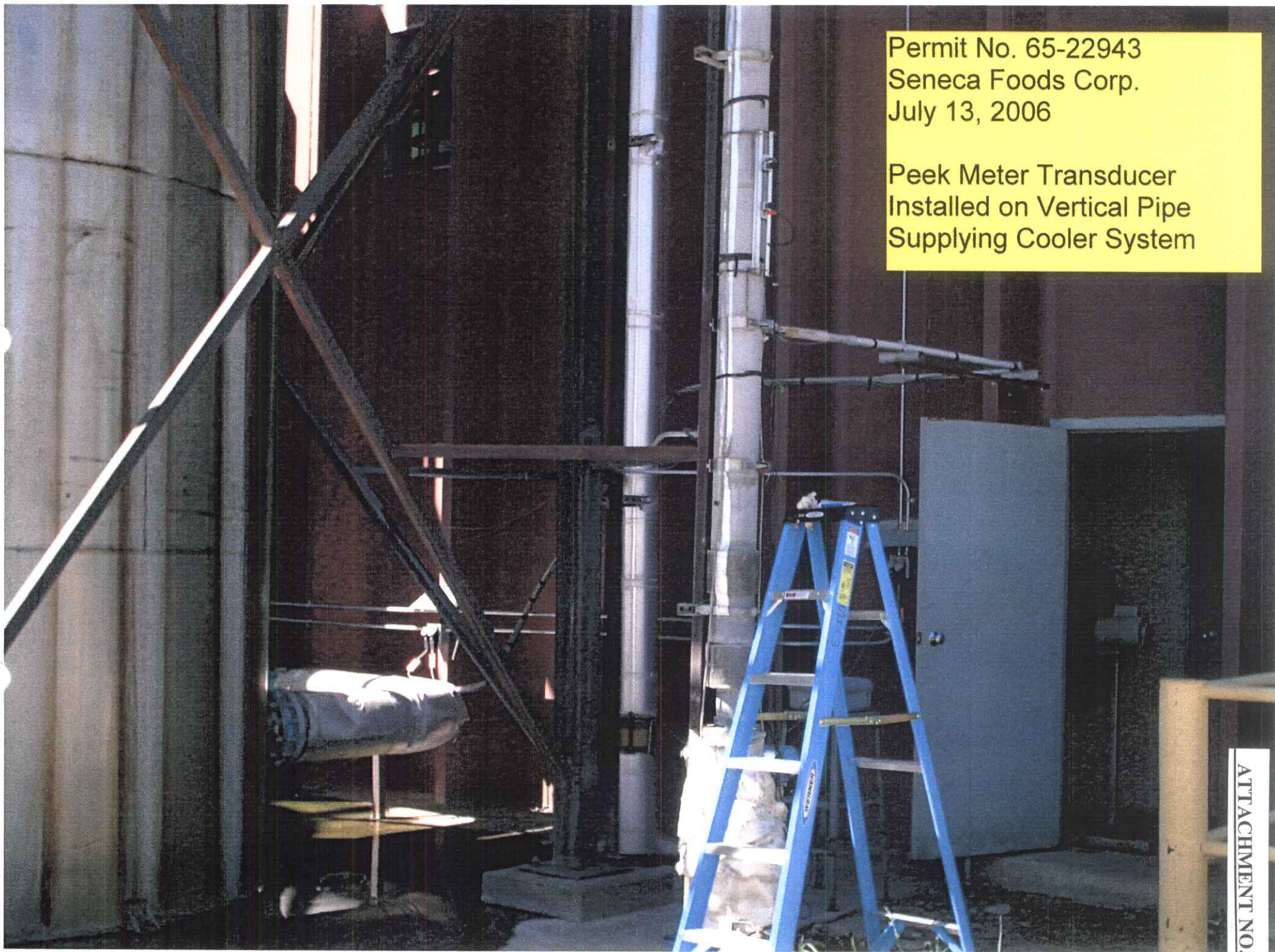


Permit No. 65-22943
Seneca Foods Corp.
July 13, 2006
Well Casing, Pipeline from
Submersible Pump and
Control Switch



Permit No. 65-22943
Seneca Foods Corp.
July 13, 2006

Peek Meter Transducer
Installed on Vertical Pipe
Supplying Cooler System



Permit No. 65-22943
Seneca Foods Corp.
July 13, 2006

Flow Meter (Krohne A95.6069)
Permanently Installed on Vertical
Pipe Supplying Cooler System





P.O. Box 720 Parma, Idaho 83660
Office (208) 722-6731 Fax (208) 722-6736
Email riverside@rsicorp.net

FAX

DATE: 7/18/06

ATTENTION: Norm

COMPANY: ELO

FROM: Dave

FAX NO: 373-7985

REGARDING: Seneca Fools Pump

NO. OF PAGES: 5 (including this page)

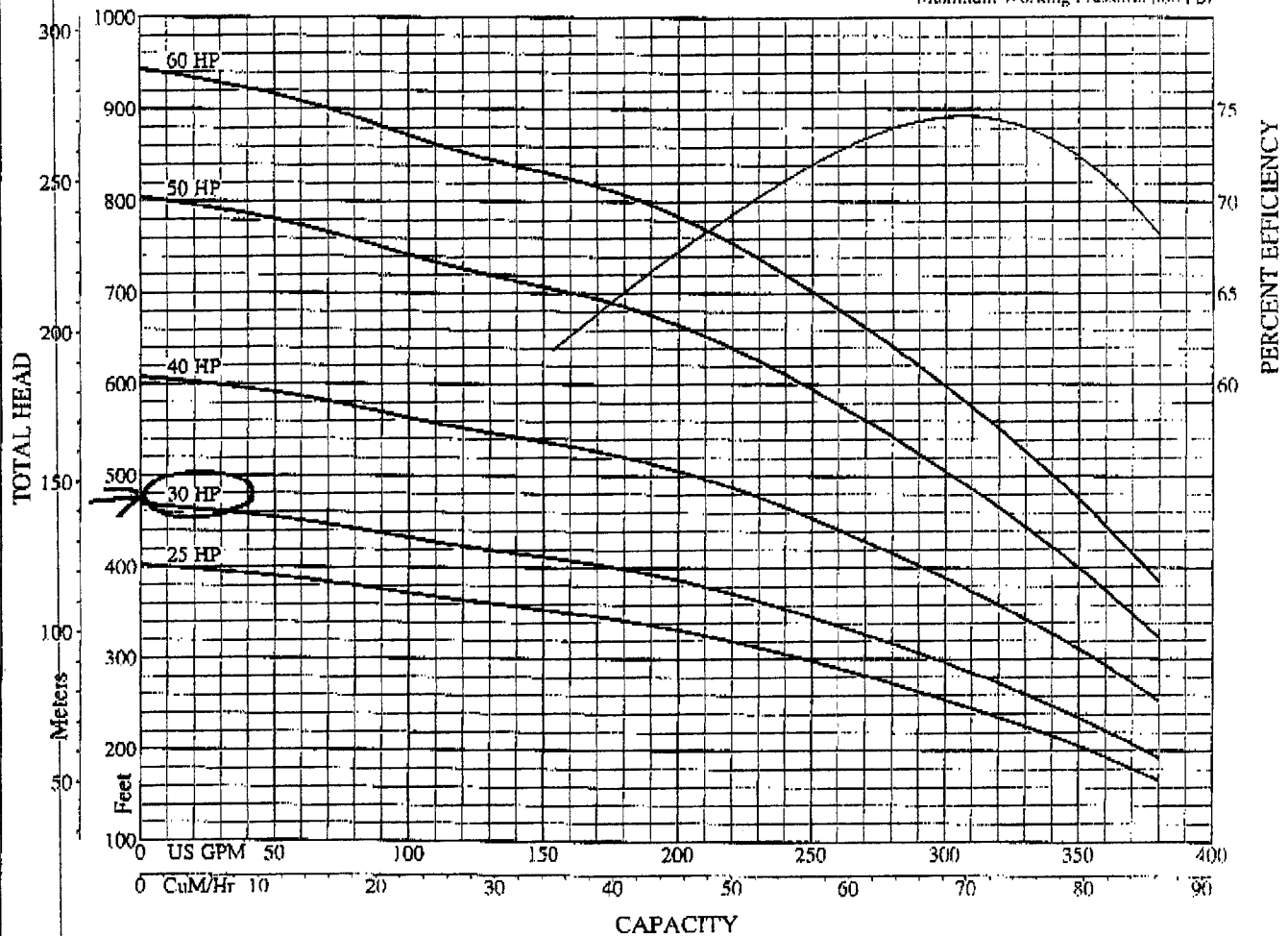
COMMENTS: _____

Thanks
D

Nominal RPM: 3450

Based on Fresh Water @ 68° F.

Maximum Working Pressure: 380 PSI



OUTLINE DIMENSIONS / WEIGHTS

HP	stages	Motor size	P length	M* length	MD* dia.	Mtr. wt.	Pump wt.
25	6	6"	43.98	33.13	5.38	148	153
30	7	6"	48.98	35.69	5.38	162	172
40	9	6"	58.98	40.81	5.38	195	211
50	12	6"	73.98	57.83	5.38	310	269
60	14	6"	83.98	63.83	5.38	340	308

Note: dimensions = inches; weight = U.S. lbs.

M* Maximum length (Franklin Electric Motor)

MD* Motor diameter (Franklin Electric Motor)

SPECIFICATIONS

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	125 - 380 GPM
Discharge	4" F NPT
See manufacturer's data for motor cooling requirements	

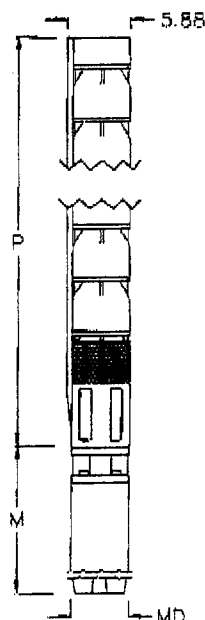
SUPERSEDES

All Previous

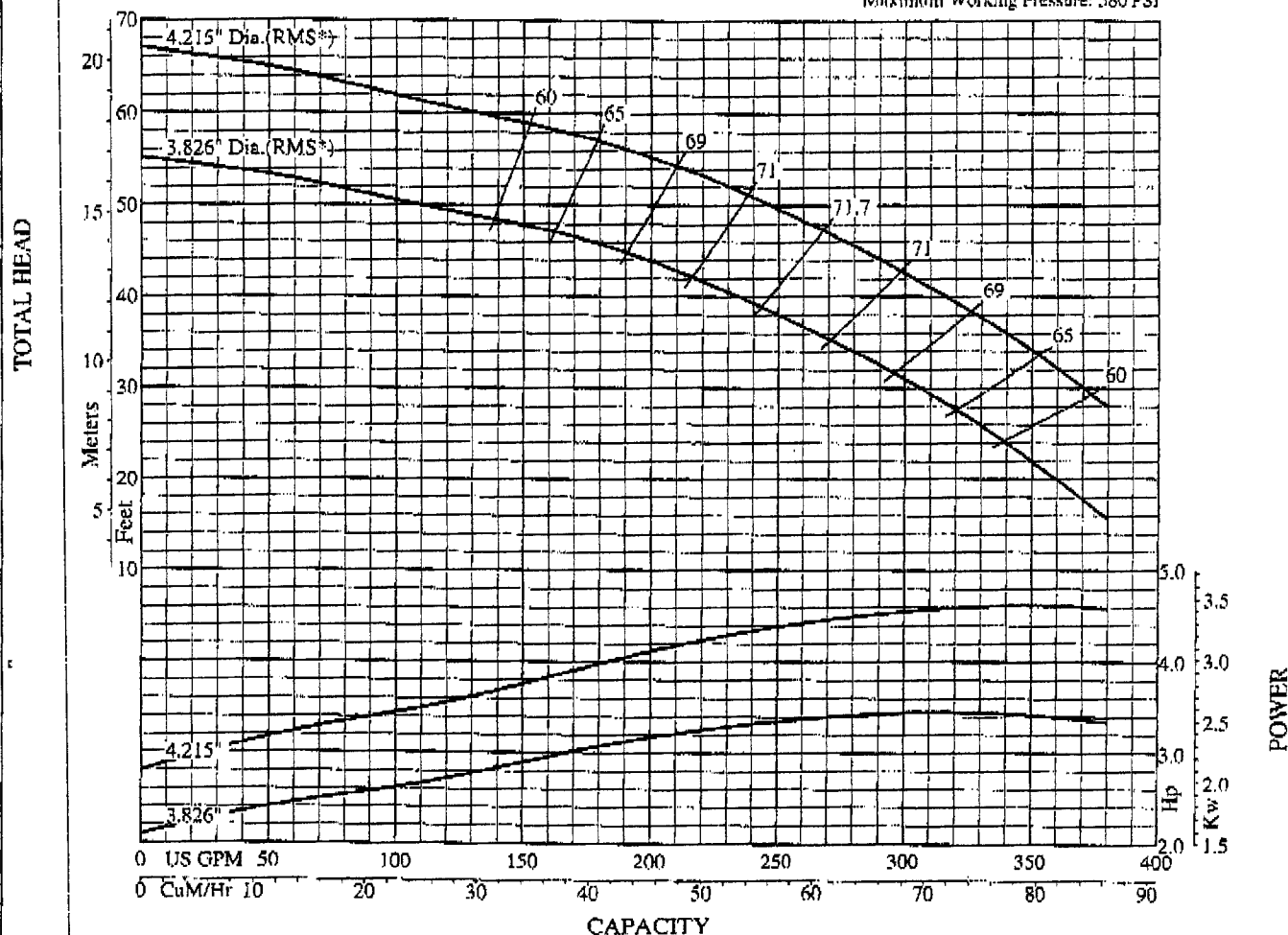
Date **04/15/96**

Section **ST**

Page **15.03**



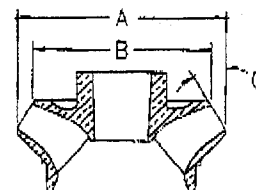
Nominal RPM: 3450
Based on Fresh Water @ 68° F.
Maximum Working Pressure: 580 PSI



IMPELLER DIMENSIONS

RMS* Diameter	A Diameter	B Diameter	C Angle
4.215	4.526	3.880	32°
3.826	4.160	3.460	32°

* Root-Mean-Square



MATERIALS OF CONSTRUCTION

Part Name	Common Material Name	Material Spec Number
Discharge Adapter	Cast Iron	ASTM A48 Class 30
Top Bowl	Cast Iron	ASTM A48 Class 30
Intermediate Bowl	Cast Iron	ASTM A48 Class 30
Bearings, Top and Suction Case	Bronze	ASTM B144-3B (SAE 660)
Impeller	Silicon Bronze	ASTM B584 UNS C87500
Pump Shaft	Stainless Steel	AISI 416
Impeller Collets	Steel	1226
Suction Bracket	Cast Iron	ASTM A48 Class 30
Bowl Bearing	Rubber	Neoprene
Sand Cap	Bronze	ASTM B144-3B (SAE 660)
Strainer	Stainless Steel	AISI 302 UNS S30200
Cable Guard	Stainless Steel	AISI 302 UNS S30200
Shaft Coupling	Stainless Steel	AISI 416 UNS S41600

Note: Efficiency based on average staging

SUPERSEDES

All Previous

Date **04/15/96**

Section **ST**

Page **15.04**



Application - Three Phase Motors

Table 22 Three Phase Motor Specifications (60 Hz)

Type	Motor Model Prefix	Rating					Full Load Amps	Maximum (S.F. Load) Amps	Line to Line Resistance Ohms	Efficiency %			Locked Rotor Amps	KVA Code	Circuit Breakers or Fuse Amps		
		HP	KW	Volts	Hz	S.F.				S.F.	F.L.	3/4			NonTime Delay (Std.) Fuse	Dual Element Time Delay Fuse	Inverse Time Breaker
6 Inch	236650	5	3.7	200	60	1.15	17.5	19.1	.68-.84	79	79	77	99	H	60	35	45
	236660	5	3.7	230	60	1.15	15	16.6	.88-1.09	79	79	77	88	H	45	30	40
	236660	5	3.7	380	60	1.15	9.1	10	2.4-3.0	79	79	77	52	H	30	20	25
	236670	5	3.7	460	60	1.15	7.5	8.8	3.5-4.0	79	79	77	43	H	25	15	20
	236680	5	3.7	575	60	1.15	6	6.6	5.9-7.2	79	79	77	34	H	20	15	15
	236691	7 1/2	5.5	200	60	1.15	25.1	28.3	.39-.48	80	80	78	150	H	80	45	70
	236601	7 1/2	5.5	230	60	1.15	21.8	24.6	.57-.71	80	80	78	130	H	70	40	60
	236661	7 1/2	5.5	380	60	1.15	13.2	14.9	1.5-1.8	80	80	78	78	H	45	25	35
	236611	7 1/2	5.5	460	60	1.15	10.9	12.3	2.2-2.7	80	80	78	65	H	35	20	30
	236621	7 1/2	5.5	575	60	1.15	8.7	9.8	3.5-4.4	80	80	78	52	H	30	20	25
	236652	10	7.5	200	60	1.15	32.7	37	.33-.42	79	79	78	198	H	100	60	90
	236602	10	7.5	230	60	1.15	28.4	32.2	.44-.55	79	79	78	172	H	90	60	80
	236652	10	7.5	380	60	1.15	17.2	19.5	1.2-1.5	79	79	78	104	H	60	35	45
	236612	10	7.5	460	60	1.15	14.2	16.1	1.7-2.2	79	79	78	86	H	45	30	40
	236622	10	7.5	575	60	1.15	11.4	12.9	2.8-3.5	79	79	78	69	H	35	25	30
	236653	15	11	200	60	1.15	47.8	54.5	.22-.27	81	81	80	308	H	150	90	125
	236603	15	11	230	60	1.15	41.6	47.4	.27-.33	81	81	80	266	H	150	80	110
	236653	15	11	380	60	1.15	25.2	28.7	.73-.90	81	81	80	161	H	80	45	70
	236613	15	11	460	60	1.15	20.8	23.7	1.1-1.3	81	81	80	133	H	70	40	60
	236623	15	11	575	60	1.15	16.7	19	1.7-2.1	81	81	80	106	H	60	30	45
	236654	20	15	200	60	1.15	61.9	69.7	.14-.17	82	82	81	416	J	200	110	175
	236604	20	15	230	60	1.15	53.8	60.6	.20-.25	82	82	81	352	J	175	100	150
	236654	20	15	380	60	1.15	32.6	36.7	.52-.64	82	82	81	219	J	100	60	90
	236614	20	15	460	60	1.15	26.9	30.3	.76-.94	82	82	81	181	J	90	50	70
	236624	20	15	575	60	1.15	21.5	24.4	1.2-1.5	82	82	81	145	J	70	40	60
	236655	25	18.5	200	60	1.15	77.1	86.3	.11-.14	83	83	82	552	J	250	150	200
	236605	25	18.5	230	60	1.15	67	75	.15-.19	83	83	82	480	J	225	125	175
	236655	25	18.5	380	60	1.15	40.6	45.4	.40-.50	83	83	82	291	J	125	80	110
	236615	25	18.5	460	60	1.15	33.5	37.5	.59-.73	83	83	82	240	J	110	60	90
	236625	25	18.5	575	60	1.15	26.8	30	1.0-1.3	83	83	82	192	J	90	50	70
	236656	30	22	200	60	1.15	90.9	104	.10-.12	83	83	86	653	J	300	175	250
	236606	30	22	230	60	1.15	79	90.4	.12-.15	83	83	86	568	J	250	150	225
	236616	30	22	380	60	1.15	47.8	54.7	.33-.41	83	83	86	317	J	150	90	125
	236626	30	22	460	60	1.15	39.5	45.2	.48-.60	83	83	86	284	J	125	80	110
	236657	40	30	200	60	1.15	114.8	130.2	.08-.10	84	84	84	1118	H	400	250	350
	236607	40	30	230	60	1.15	100	114.8	.10-.12	84	84	84	967	H	350	225	300
	236617	40	30	380	60	1.15	64.8	75	.20-.27	83	83	83	481	J	200	125	175
	236627	40	30	460	60	1.15	53.5	62	.32-.40	83	83	83	397	J	175	100	150
	236658	50	37	200	60	1.15	142.8	162.8	.06-.08	88	88	88	518	H	350	225	300
	236608	50	37	230	60	1.15	125	142.8	.08-.10	88	88	88	448	H	300	200	250
	236618	50	37	380	60	1.15	82	93.2	.17-.22	82	83	83	501	H	250	150	225
	236628	50	37	460	60	1.15	67.7	77	.25-.32	82	83	83	414	H	225	125	175
	236659	60	45	200	60	1.15	174.4	197.2	.05-.06	84	84	84	627	H	400	250	350
	236609	60	45	230	60	1.15	152	174.4	.06-.08	84	84	84	547	H	350	225	300
	236619	60	45	380	60	1.15	97.4	110.2	.15-.18	84	84	84	627	H	300	175	250
	236629	60	45	460	60	1.15	80.5	91	.22-.27	84	84	84	518	H	250	150	225
	236650	60	45	575	60	1.15	64.4	72.8	.35-.39	84	84	84	414	H	200	125	175

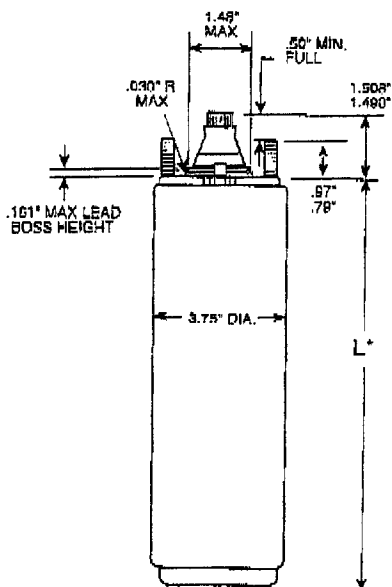
Model numbers are three lead motors. Six lead motors with different model numbers have the same running performance, but when wye connected for starting have locked rotor amps 33% of the values shown.



Installation - All Motors

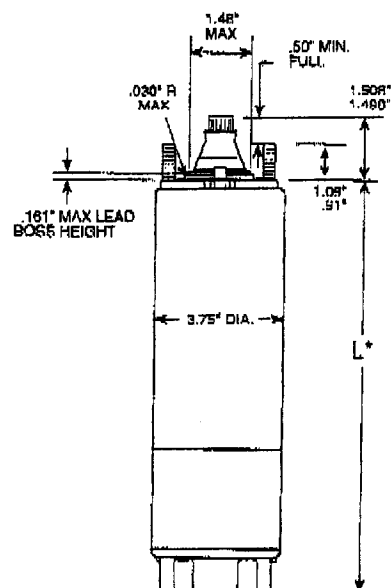
4" Super Stainless — Dimensions

(Standard Water Well)



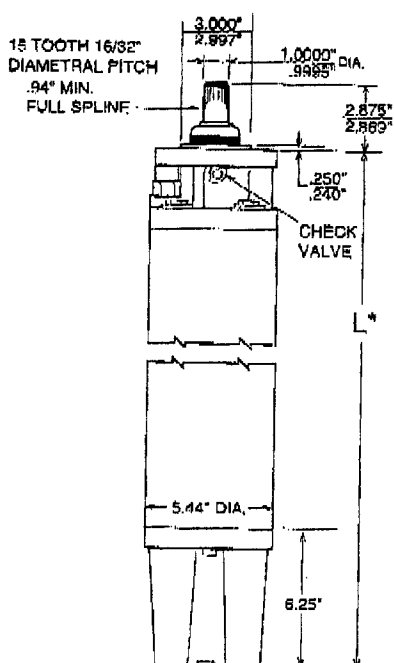
4" High Thrust — Dimensions

(Standard Water Well)



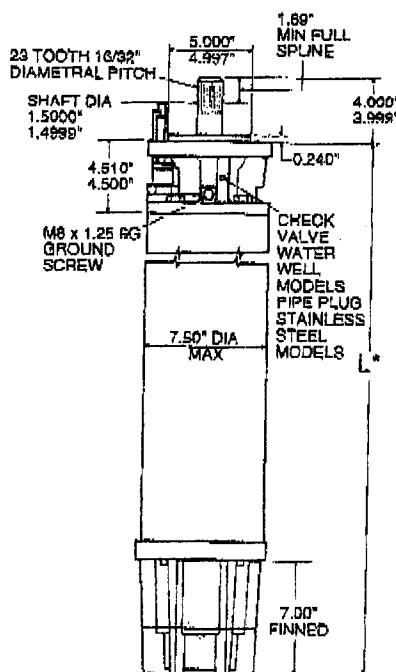
6" — Dimensions

(Standard Water Well)

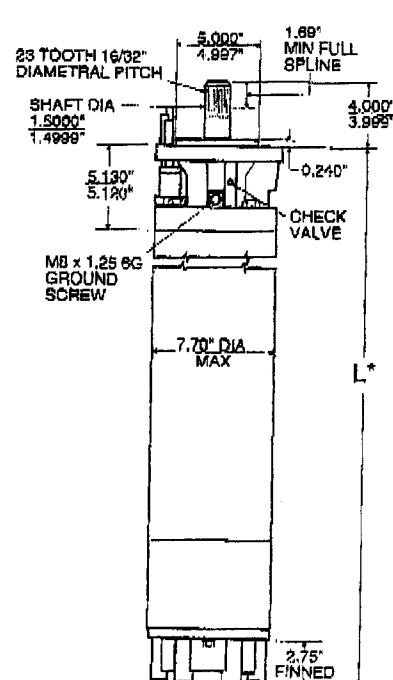


8" — Dimensions

(Standard Water Well)



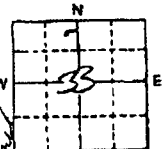
40 to 100 HP



125 to 200 HP

* Motor lengths and shipping weights are available on Franklin Electric's web page (www.franklin-electric.com) or by calling our toll-free submersible hotline (800-348-2420).

Form 238-7
8/90STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PENState law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name <u>American Fine Foods</u> Address <u>25 North 6th Street</u> Drilling Permit No. <u>65-91-0-013</u> Water Right Permit No. _____	7. WATER LEVEL Static water level <u>9</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>72</u> °F. Quality <u>95</u> Describe artesian or temperature zones below.																																								
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☒ Pump ☐ Baller ☐ Air ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td><u>150</u></td> <td><u>300</u></td> <td><u>10</u></td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>150</u>	<u>300</u>	<u>10</u>																																		
Discharge G.P.M.	Pumping Level	Hours Pumped																																							
<u>150</u>	<u>300</u>	<u>10</u>																																							
3. PROPOSED USE <u>TEST WELL (SEE PERMIT)</u> ☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☒ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Bore Diam.</th> <th>Depth From To</th> <th>Material</th> <th>Water Yes No</th> </tr> </thead> <tbody> <tr> <td><u>24</u></td> <td><u>11</u></td> <td><u>fill - concrete chunks</u></td> <td><u>✓</u></td> </tr> <tr> <td><u>24</u></td> <td><u>16</u></td> <td><u>clay gravel conglomerate</u></td> <td><u>✓</u></td> </tr> <tr> <td><u>12</u></td> <td><u>21</u></td> <td><u>Blue clay</u></td> <td><u>✓</u></td> </tr> <tr> <td><u>12</u></td> <td><u>21</u></td> <td><u>Blue clay</u></td> <td><u>✓</u></td> </tr> <tr> <td><u>12</u></td> <td><u>30</u></td> <td><u>clay sand soft</u></td> <td><u>✓</u></td> </tr> <tr> <td><u>12</u></td> <td><u>33</u></td> <td><u>Blue clay</u></td> <td><u>✓</u></td> </tr> <tr> <td><u>12</u></td> <td><u>40</u></td> <td><u>clay sand soft</u></td> <td><u>✓</u></td> </tr> <tr> <td><u>12</u></td> <td><u>40</u></td> <td><u>clay sand soft</u></td> <td><u>✓</u></td> </tr> <tr> <td><u>12</u></td> <td><u>43</u></td> <td><u>Blue clay - loose</u></td> <td><u>✓</u></td> </tr> </tbody> </table>	Bore Diam.	Depth From To	Material	Water Yes No	<u>24</u>	<u>11</u>	<u>fill - concrete chunks</u>	<u>✓</u>	<u>24</u>	<u>16</u>	<u>clay gravel conglomerate</u>	<u>✓</u>	<u>12</u>	<u>21</u>	<u>Blue clay</u>	<u>✓</u>	<u>12</u>	<u>21</u>	<u>Blue clay</u>	<u>✓</u>	<u>12</u>	<u>30</u>	<u>clay sand soft</u>	<u>✓</u>	<u>12</u>	<u>33</u>	<u>Blue clay</u>	<u>✓</u>	<u>12</u>	<u>40</u>	<u>clay sand soft</u>	<u>✓</u>	<u>12</u>	<u>40</u>	<u>clay sand soft</u>	<u>✓</u>	<u>12</u>	<u>43</u>	<u>Blue clay - loose</u>	<u>✓</u>
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4. METHOD DRILLED ☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	RECEIVED OCT 25 1991 Department of Water Resources Western Regional Office RECEIVED DEC 04 1991 Department of Water Resources																																								
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>3/8</u> inches</td> <td><u>16</u> inches</td> <td><u>1</u> feet</td> <td><u>26</u> feet</td> </tr> <tr> <td><u>3/8</u> inches</td> <td><u>12</u> inches</td> <td><u>16</u> feet</td> <td><u>33</u> feet</td> </tr> </tbody> </table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☒ Yes ☐ No How perforated? ☐ Factory ☐ Knife ☒ Torch ☐ Gun Size of perforation <u>3/8</u> inches by <u>4</u> inches <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>1000</u> perforations</td> <td><u>430</u> feet</td> <td><u>390</u> feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☒ Yes ☐ No ☐ Size of gravel _____ Placed from <u>432</u> feet to <u>300</u> feet Surface seal depth <u>20</u> Material used in seal: ☒ Cement grout ☐ Bentonite ☐ Pudding clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port <u>1 1/2" plug</u>	Thickness	Diameter	From	To	<u>3/8</u> inches	<u>16</u> inches	<u>1</u> feet	<u>26</u> feet	<u>3/8</u> inches	<u>12</u> inches	<u>16</u> feet	<u>33</u> feet	Number	From	To	<u>1000</u> perforations	<u>430</u> feet	<u>390</u> feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	10. Work started <u>Apr 5-91</u> finished <u>July 30-91</u>																
Thickness	Diameter	From	To																																						
<u>3/8</u> inches	<u>16</u> inches	<u>1</u> feet	<u>26</u> feet																																						
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Number	From	To																																							
<u>1000</u> perforations	<u>430</u> feet	<u>390</u> feet																																							
_____ perforations	_____ feet	_____ feet																																							
_____ perforations	_____ feet	_____ feet																																							
6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name <u>APR 09 1992</u> Lot No. _____ Block No. _____ County <u>Payette</u> State <u>ID</u> T. <u>9</u> S. <u>5</u> R. <u>5</u> W. <u>4</u>	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Frank Shelby</u> Firm No. <u>326</u> Address <u>900 NW 1st Ave</u> Date _____ Signed by (Firm Official) <u>Frank Shelby</u> and (Operator) <u>Frank Shelby</u>																																								

SW NE USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

813975

1. WELL OWNER

Name

Address

Drilling Permit No.

Water Right Permit No.

7. WATER LEVEL

Static water level

Flowing?

Artesian closed-in pressure

Controlled by:

Temperature

2. NATURE OF WORK

New well

Well diameter increase

Abandoned

3. PROPOSED USE

Domestic

Industrial

Other

4. METHOD DRILLED

Rotary

Cable

Air

Dug

Hydraulic

Other

Reverse rotary

5. WELL CONSTRUCTION

Casing schedule:

Thickness

Diameter

From

To

Was casing drive shoe used?

Was a packer or seal used?

Perforated?

How perforated?

Size of perforation

Well screen installed?

Manufacturer's name

Type

Diameter

Slot size

Gravel packed?

Placed from

Surface seal depth

Sealing procedure used:

Method of joining casing:

Describe access port

8. LOCATION OF WELL

Sketch map location must agree with written location.

Subdivision Name

Department of Water Resources

Lot No.

Block No.

County

Township

Range

Section

T

R

E

W

9. LITHOLOGIC LOG

Bore Diam.

Depth

Material

Water

10.

Work started

Finished

11. DRILLERS CERTIFICATION

We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name

Firm No.

Address

Date

Signed by (Firm Owner)

and

(Operator)

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

Riverside, Inc.

P.O. BOX 720
111 S. Roswell Blvd.
Parma, ID 83660
(208) 722-6731 • FAX (208) 722-6736

Well Test

Air Line Setting 290
Pump Suction Setting 294
Static Water Level 33' 3"

Date: Feb. 9, 2000
Customer: Sonoma Farms
Well Location: Payette

Well Dia: 12" to
Inches Depth to
Depth Cased to

Time	Water Level	GPM	RPM	Water Condition	Temp F	Motor Amps	Total GPM Pumped	Calculated GPM
12:40	33' 3"	210	Start					
12:45	49'	210						
12:47	51'	210						
12:48	53'	300						
12:51	54' 4"	300						
12:53	55'	300						
12:55	55' 5"	300						
1:01	57' 3"	300						
1:06	59' 6"	300						
1:11	61' 3"	300						
1:17		300						
1:19		300						
Feb 10, 2000								
9:35	29' 7"		Start					
9:36	116'	350						
9:38	129'							
9:42	139'							
9:51	152'							
9:55	157'							
9:57	161'	465		SOME BLACK SAND				
10:00	215'	465						
10:10	217'	465						
10:15	222' 6"	465						

Page ____ of ____

Continued on Reverse Side

