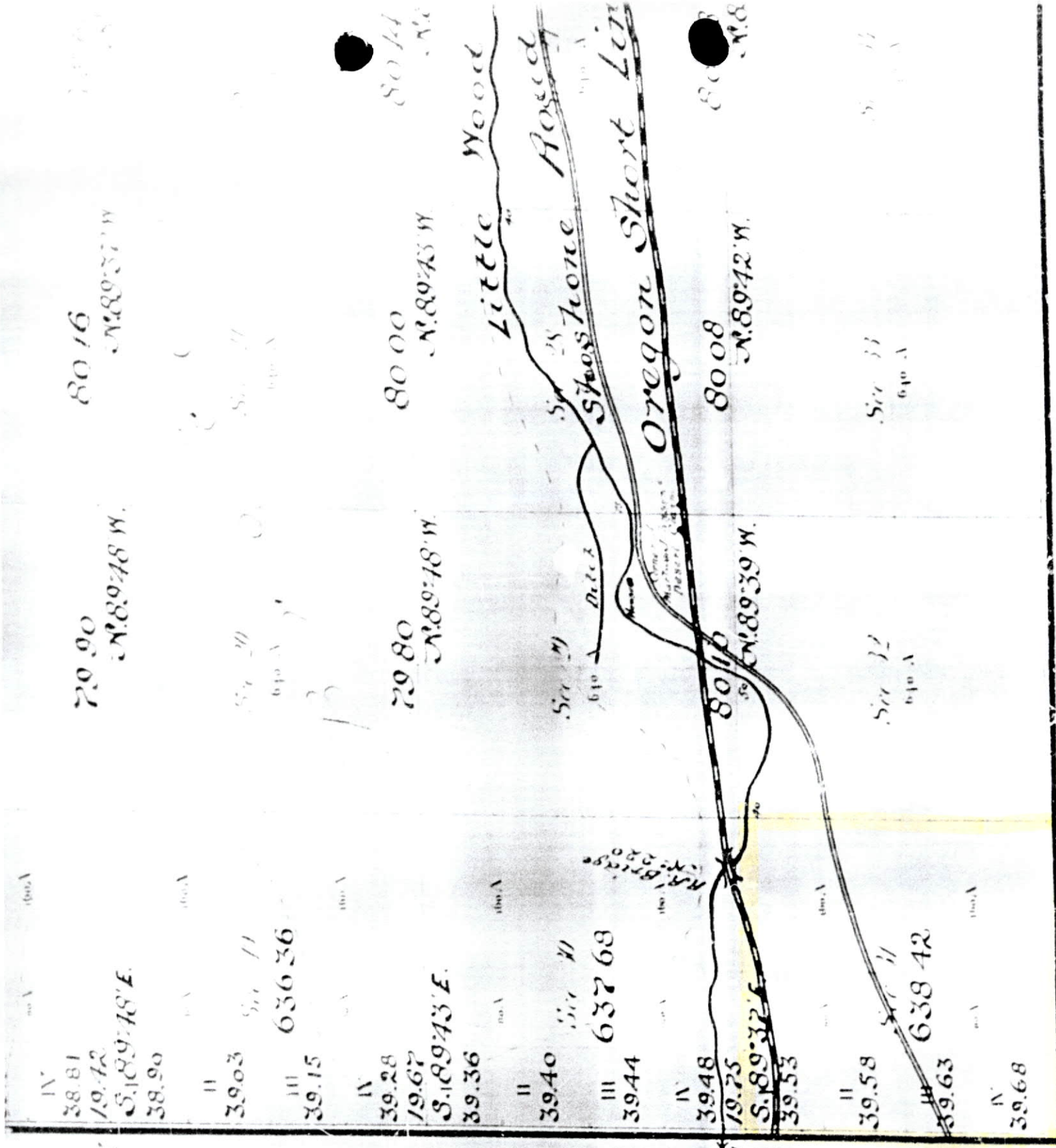
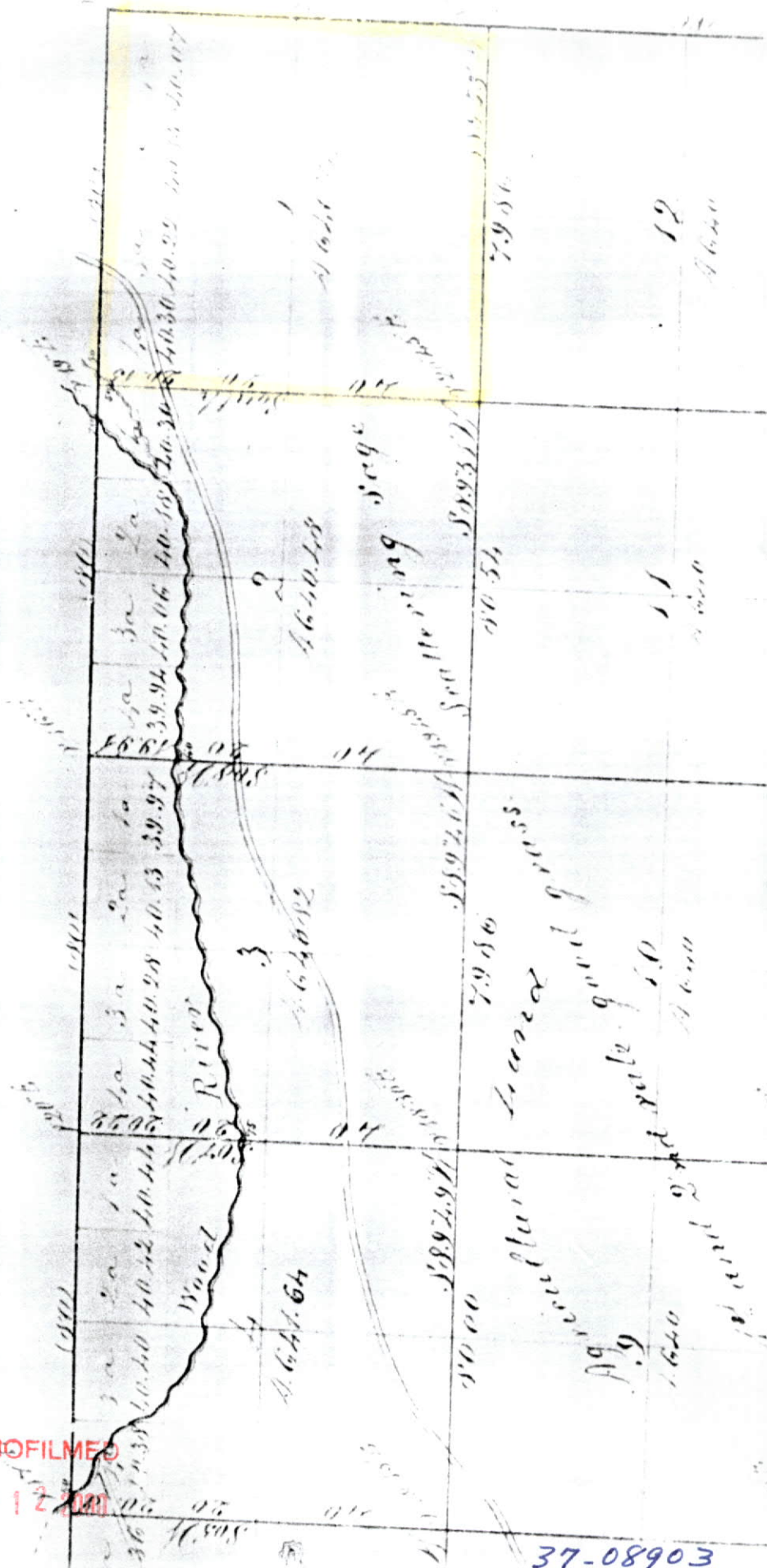




H. Range No 15 East Boise. Herd 11



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# Township No 6 South, Range No 16 East of 1

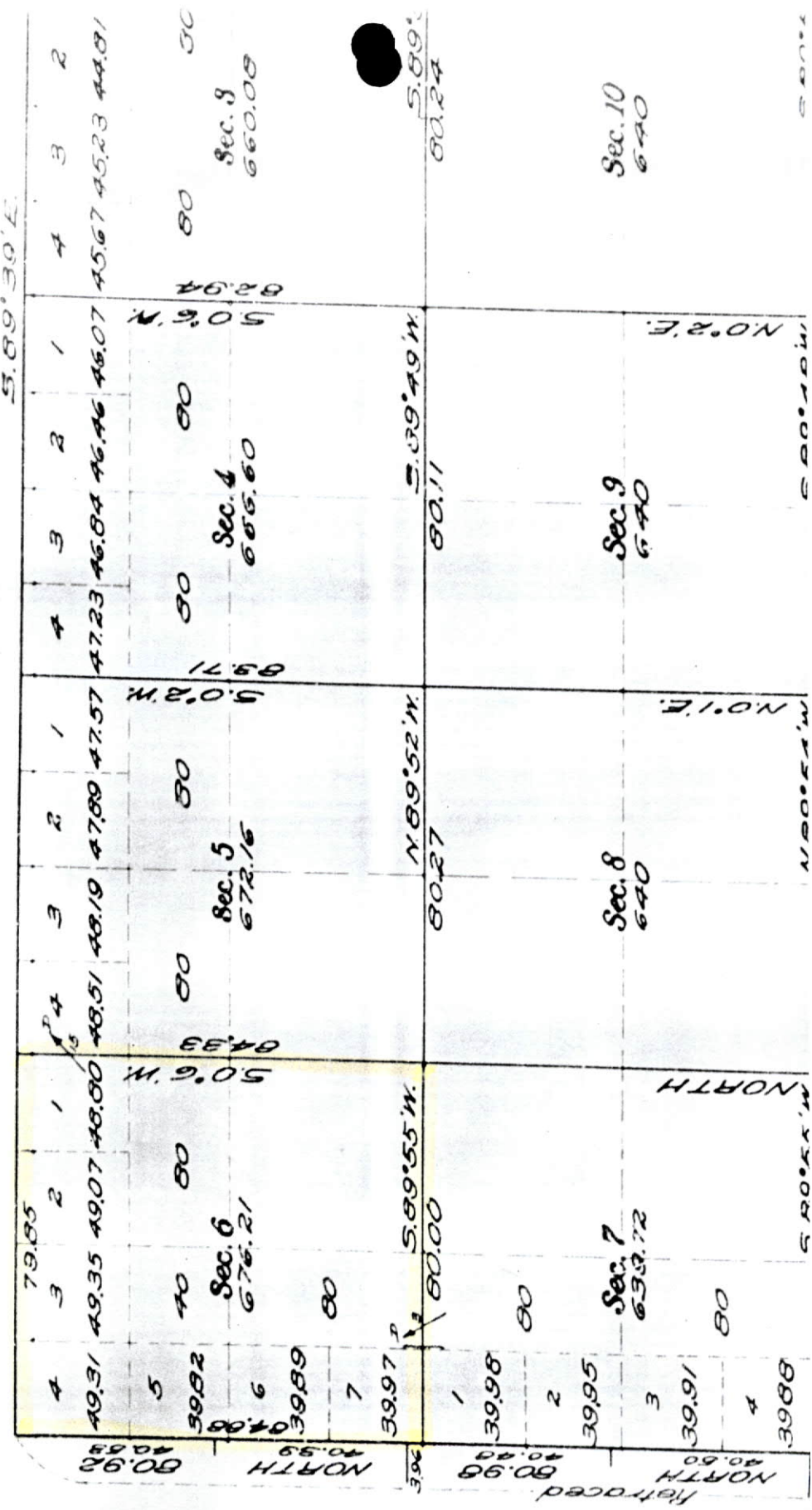
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|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 06 LT04 | 06 LT03 | 06 LT02 | 06 LT01 | 05 LT04 | 05 LT03 | 05 LT02 | 05 LT01 | 04 LT04 | 04 LT03 | 04 LT02 | 04 LT01 | 03 LT04 | 03 LT03 | 03 LT02 | 03 LT01 | 02 LT04 | 02 LT03 | 02 LT02 | 02 LT01 | 01 LT04 | 01 LT03 | 01 LT02 | 01 LT01 |
| 06 LT05 | 06 SENW | 06 SWNE | 06 SENE | 05 SWNW | 05 SENW | 05 SWNE | 05 SENE | 04 SWNW | 04 SENW | 04 SWNE | 04 SENE | 03 SWNW | 03 SENW | 03 SWNE | 03 SENE | 02 SWNW | 02 SENW | 02 SWNE | 02 SENE | 01 SWNW | 01 SENW | 01 SWNE | 01 SENE |
| 06 LT06 | 06 NESW | 06 NWSE | 06 NESE | 05 NWBW | 05 NESW | 05 NWSE | 05 NESE | 04 NWBW | 04 NESW | 04 NWSE | 04 NESE | 03 NWBW | 03 NESW | 03 NWSE | 03 NESE | 02 NWBW | 02 NESW | 02 NWSE | 02 NESE | 01 NWBW | 01 NESW | 01 NWSE | 01 NESE |
| 06 LT07 | 06 SE3W | 06 SW3E | 06 SE3E | 05 SW3W | 05 SE3W | 05 SW3E | 05 SE3E | 04 SW3W | 04 SE3W | 04 SW3E | 04 SE3E | 03 SW3W | 03 SE3W | 03 SW3E | 03 SE3E | 02 SW3W | 02 SE3W | 02 SW3E | 02 SE3E | 01 SW3W | 01 SE3W | 01 SW3E | 01 SE3E |
| 07 LT01 | 07 NENW | 07 NNWE | 07 NENE | 06 NNW  | 06 NENW | 06 NNWE | 06 NENE | 05 NNW  | 05 NENW | 05 NNWE | 05 NENE | 04 NNW  | 04 NENW | 04 NNWE | 04 NENE | 03 NNW  | 03 NENW | 03 NNWE | 03 NENE | 02 NNW  | 02 NENW | 02 NNWE | 02 NENE |
| 07 LT02 | 07 SENW | 07 SWNE | 07 SENE | 06 SWNW | 06 SENW | 06 SWNE | 06 SENE | 05 SWNW | 05 SENW | 05 SWNE | 05 SENE | 04 SWNW | 04 SENW | 04 SWNE | 04 SENE | 03 SWNW | 03 SENW | 03 SWNE | 03 SENE | 02 SWNW | 02 SENW | 02 SWNE | 02 SENE |
| 07 LT03 | 07 NESW | 07 NWSE | 07 NESE | 06 NWBW | 06 NESW | 06 NWSE | 06 NESE | 05 NWBW | 05 NESW | 05 NWSE | 05 NESE | 04 NWBW | 04 NESW | 04 NWSE | 04 NESE | 03 NWBW | 03 NESW | 03 NWSE | 03 NESE | 02 NWBW | 02 NESW | 02 NWSE | 02 NESE |
| 07 LT04 | 07 SE3W | 07 SW3E | 07 SE3E | 06 SW3W | 06 SE3W | 06 SW3E | 06 SE3E | 05 SW3W | 05 SE3W | 05 SW3E | 05 SE3E | 04 SW3W | 04 SE3W | 04 SW3E | 04 SE3E | 03 SW3W | 03 SE3W | 03 SW3E | 03 SE3E | 02 SW3W | 02 SE3W | 02 SW3E | 02 SE3E |
| 18 LT01 | 18 NENW | 18 NNWE | 18 NENE | 17 NNW  | 17 NENW | 17 NNWE | 17 NENE | 16 NNW  | 16 NENW | 16 NNWE | 16 NENE | 15 NNW  | 15 NENW | 15 NNWE | 15 NENE | 14 NNW  | 14 NENW | 14 NNWE | 14 NENE | 13 NNW  | 13 NENW | 13 NNWE | 13 NENE |
| 18 LT02 | 18 SENW | 18 SWNE | 18 SENE | 17 SWNW | 17 SENW | 17 SWNE | 17 SENE | 16 SWNW | 16 SENW | 16 SWNE | 16 SENE | 15 SWNW | 15 SENW | 15 SWNE | 15 SENE | 14 SWNW | 14 SENW | 14 SWNE | 14 SENE | 13 SWNW | 13 SENW | 13 SWNE | 13 SENE |
| 18 LT03 | 18 NESW | 18 NWSE | 18 NESE | 17 NWBW | 17 NESW | 17 NWSE | 17 NESE | 16 NWBW | 16 NESW | 16 NWSE | 16 NESE | 15 NWBW | 15 NESW | 15 NWSE | 15 NESE | 14 NWBW | 14 NESW | 14 NWSE | 14 NESE | 13 NWBW | 13 NESW | 13 NWSE | 13 NESE |
| 18 LT04 | 18 SE3W | 18 SW3E | 18 SE3E | 17 SW3W | 17 SE3W | 17 SW3E | 17 SE3E | 16 SW3W | 16 SE3W | 16 SW3E | 16 SE3E | 15 SW3W | 15 SE3W | 15 SW3E | 15 SE3E | 14 SW3W | 14 SE3W | 14 SW3E | 14 SE3E | 13 SW3W | 13 SE3W | 13 SW3E | 13 SE3E |
| 19 LT01 | 19 NENW | 19 NNWE | 19 NENE | 20 NNW  | 20 NENW | 20 NNWE | 20 NENE | 21 NNW  | 21 NENW | 21 NNWE | 21 NENE | 22 NNW  | 22 NENW | 22 NNWE | 22 NENE | 23 NNW  | 23 NENW | 23 NNWE | 23 NENE | 24 NNW  | 24 NENW | 24 NNWE | 24 NENE |
| 19 LT02 | 19 SENW | 19 SWNE | 19 SENE | 20 SWNW | 20 SENW | 20 SWNE | 20 SENE | 21 SWNW | 21 SENW | 21 SWNE | 21 SENE | 22 SWNW | 22 SENW | 22 SWNE | 22 SENE | 23 SWNW | 23 SENW | 23 SWNE | 23 SENE | 24 SWNW | 24 SENW | 24 SWNE | 24 SENE |
| 19 LT03 | 19 NESW | 19 NWSE | 19 NESE | 20 NWBW | 20 NESW | 20 NWSE | 20 NESE | 21 NWBW | 21 NESW | 21 NWSE | 21 NESE | 22 NWBW | 22 NESW | 22 NWSE | 22 NESE | 23 NWBW | 23 NESW | 23 NWSE | 23 NESE | 24 NWBW | 24 NESW | 24 NWSE | 24 NESE |
| 19 LT04 | 19 SE3W | 19 SW3E | 19 SE3E | 20 SW3W | 20 SE3W | 20 SW3E | 20 SE3E | 21 SW3W | 21 SE3W | 21 SW3E | 21 SE3E | 22 SW3W | 22 SE3W | 22 SW3E | 22 SE3E | 23 SW3W | 23 SE3W | 23 SW3E | 23 SE3E | 24 SW3W | 24 SE3W | 24 SW3E | 24 SE3E |
| 20 LT01 | 20 NENW | 20 NNWE | 20 NENE | 21 NNW  | 21 NENW | 21 NNWE | 21 NENE | 22 NNW  | 22 NENW | 22 NNWE | 22 NENE | 23 NNW  | 23 NENW | 23 NNWE | 23 NENE | 24 NNW  | 24 NENW | 24 NNWE | 24 NENE | 25 NNW  | 25 NENW | 25 NNWE | 25 NENE |
| 20 LT02 | 20 SENW | 20 SWNE | 20 SENE | 21 SWNW | 21 SENW | 21 SWNE | 21 SENE | 22 SWNW | 22 SENW | 22 SWNE | 22 SENE | 23 SWNW | 23 SENW | 23 SWNE | 23 SENE | 24 SWNW | 24 SENW | 24 SWNE | 24 SENE | 25 SWNW | 25 SENW | 25 SWNE | 25 SENE |
| 20 LT03 | 20 NESW | 20 NWSE | 20 NESE | 21 NWBW | 21 NESW | 21 NWSE | 21 NESE | 22 NWBW | 22 NESW | 22 NWSE | 22 NESE | 23 NWBW | 23 NESW | 23 NWSE | 23 NESE | 24 NWBW | 24 NESW | 24 NWSE | 24 NESE | 25 NWBW | 25 NESW | 25 NWSE | 25 NESE |
| 20 LT04 | 20 SE3W | 20 SW3E | 20 SE3E | 21 SW3W | 21 SE3W | 21 SW3E | 21 SE3E | 22 SW3W | 22 SE3W | 22 SW3E | 22 SE3E | 23 SW3W | 23 SE3W | 23 SW3E | 23 SE3E | 24 SW3W | 24 SE3W | 24 SW3E | 24 SE3E | 25 SW3W | 25 SE3W | 25 SW3E | 25 SE3E |
| 21 LT01 | 21 NENW | 21 NNWE | 21 NENE | 22 NNW  | 22 NENW | 22 NNWE | 22 NENE | 23 NNW  | 23 NENW | 23 NNWE | 23 NENE | 24 NNW  | 24 NENW | 24 NNWE | 24 NENE | 25 NNW  | 25 NENW | 25 NNWE | 25 NENE | 26 NNW  | 26 NENW | 26 NNWE | 26 NENE |
| 21 LT02 | 21 SENW | 21 SWNE | 21 SENE | 22 SWNW | 22 SENW | 22 SWNE | 22 SENE | 23 SWNW | 23 SENW | 23 SWNE | 23 SENE | 24 SWNW | 24 SENW | 24 SWNE | 24 SENE | 25 SWNW | 25 SENW | 25 SWNE | 25 SENE | 26 SWNW | 26 SENW | 26 SWNE | 26 SENE |
| 21 LT03 | 21 NESW | 21 NWSE | 21 NESE | 22 NWBW | 22 NESW | 22 NWSE | 22 NESE | 23 NWBW | 23 NESW | 23 NWSE | 23 NESE | 24 NWBW | 24 NESW | 24 NWSE | 24 NESE | 25 NWBW | 25 NESW | 25 NWSE | 25 NESE | 26 NWBW | 26 NESW | 26 NWSE | 26 NESE |
| 21 LT04 | 21 SE3W | 21 SW3E | 21 SE3E | 22 SW3W | 22 SE3W | 22 SW3E | 22 SE3E | 23 SW3W | 23 SE3W | 23 SW3E | 23 SE3E | 24 SW3W | 24 SE3W | 24 SW3E | 24 SE3E | 25 SW3W | 25 SE3W | 25 SW3E | 25 SE3E | 26 SW3W | 26 SE3W | 26 SW3E | 26 SE3E |

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|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 08<br>LT04 | 08<br>LT03 | 08<br>LT02 | 08<br>LT01 | 05<br>LT04 | 05<br>LT03 | 05<br>LT02 | 05<br>LT01 | 04<br>LT04 | 04<br>LT03 | 04<br>LT02 | 04<br>LT01 | 03<br>LT04 | 03<br>LT03 | 03<br>LT02 | 03<br>LT01 | 02<br>LT04 | 02<br>LT03 | 02<br>LT02 | 02<br>LT01 | 01<br>LT04 | 01<br>LT03 | 01<br>LT02 | 01<br>LT01 |
| 08<br>LT05 | 08<br>SEHW | 08<br>SWHE | 08<br>SENE | 05<br>SWHW | 05<br>SEHW | 05<br>SWHE | 05<br>SENE | 04<br>SWHW | 04<br>SEHW | 04<br>SWHE | 04<br>SENE | 03<br>SWHW | 03<br>SEHW | 03<br>SWHE | 03<br>SENE | 02<br>SWHW | 02<br>SEHW | 02<br>SWHE | 02<br>SENE | 01<br>SWHW | 01<br>SEHW | 01<br>SWHE | 01<br>SENE |
| 08<br>LT08 | 08<br>NEHW | 08<br>HWSE | 08<br>NESE | 05<br>HWSE | 05<br>NEHW | 05<br>HWSE | 05<br>NESE | 04<br>HWSE | 04<br>NEHW | 04<br>HWSE | 04<br>NESE | 03<br>HWSE | 03<br>NEHW | 03<br>HWSE | 03<br>NESE | 02<br>HWSE | 02<br>NEHW | 02<br>HWSE | 02<br>NESE | 01<br>HWSE | 01<br>NEHW | 01<br>HWSE | 01<br>NESE |
| 08<br>LT07 | 08<br>SESW | 08<br>SWSE | 08<br>SESE | 05<br>SWSW | 05<br>SESW | 05<br>SWSE | 05<br>SESE | 04<br>SWSW | 04<br>SESW | 04<br>SWSE | 04<br>SESE | 03<br>SWSW | 03<br>SESW | 03<br>SWSE | 03<br>SESE | 02<br>SWSW | 02<br>SESW | 02<br>SWSE | 02<br>SESE | 01<br>SWSW | 01<br>SESW | 01<br>SWSE | 01<br>SESE |
| 07<br>LT01 | 07<br>NEHW | 07<br>HWHE | 07<br>NEHE | 08<br>HWHW | 08<br>NEHW | 08<br>HWHE | 08<br>NEHE | 09<br>HWHW | 09<br>NEHW | 09<br>HWHE | 09<br>NEHE | 10<br>HWHW | 10<br>NEHW | 10<br>HWHE | 10<br>NEHE | 11<br>HWHW | 11<br>NEHW | 11<br>HWHE | 11<br>NEHE | 12<br>HWHW | 12<br>NEHW | 12<br>HWHE | 12<br>NEHE |
| 07<br>LT02 | 07<br>SEHW | 07<br>SWHE | 07<br>SEHE | 08<br>SWHW | 08<br>SEHW | 08<br>SWHE | 08<br>SEHE | 09<br>SWHW | 09<br>SEHW | 09<br>SWHE | 09<br>SEHE | 10<br>SWHW | 10<br>SEHW | 10<br>SWHE | 10<br>SEHE | 11<br>SWHW | 11<br>SEHW | 11<br>SWHE | 11<br>SEHE | 12<br>SWHW | 12<br>SEHW | 12<br>SWHE | 12<br>SEHE |
| 07<br>LT03 | 07<br>NEHW | 07<br>HWSE | 07<br>NESE | 08<br>HWSE | 08<br>NEHW | 08<br>HWSE | 08<br>NESE | 09<br>HWSE | 09<br>NEHW | 09<br>HWSE | 09<br>NESE | 10<br>HWSE | 10<br>NEHW | 10<br>HWSE | 10<br>NESE | 11<br>HWSE | 11<br>NEHW | 11<br>HWSE | 11<br>NESE | 12<br>HWSE | 12<br>NEHW | 12<br>HWSE | 12<br>NESE |
| 07<br>LT04 | 07<br>SESW | 07<br>SWSE | 07<br>SESE | 08<br>SWSW | 08<br>SESW | 08<br>SWSE | 08<br>SESE | 09<br>SWSW | 09<br>SESW | 09<br>SWSE | 09<br>SESE | 10<br>SWSW | 10<br>SESW | 10<br>SWSE | 10<br>SESE | 11<br>SWSW | 11<br>SESW | 11<br>SWSE | 11<br>SESE | 12<br>SWSW | 12<br>SESW | 12<br>SWSE | 12<br>SESE |
| 18<br>LT01 | 18<br>NEHW | 18<br>HWHE | 18<br>NEHE | 17<br>HWHW | 17<br>NEHW | 17<br>HWHE | 17<br>NEHE | 18<br>HWHW | 18<br>NEHW | 18<br>HWHE | 18<br>NEHE | 19<br>HWHW | 19<br>NEHW | 19<br>HWHE | 19<br>NEHE | 20<br>HWHW | 20<br>NEHW | 20<br>HWHE | 20<br>NEHE | 21<br>HWHW | 21<br>NEHW | 21<br>HWHE | 21<br>NEHE |
| 18<br>LT02 | 18<br>SEHW | 18<br>SWHE | 18<br>SEHE | 17<br>SWHW | 17<br>SEHW | 17<br>SWHE | 17<br>SEHE | 18<br>SWHW | 18<br>SEHW | 18<br>SWHE | 18<br>SEHE | 19<br>SWHW | 19<br>SEHW | 19<br>SWHE | 19<br>SEHE | 20<br>SWHW | 20<br>SEHW | 20<br>SWHE | 20<br>SEHE | 21<br>SWHW | 21<br>SEHW | 21<br>SWHE | 21<br>SEHE |
| 18<br>LT03 | 18<br>NEHW | 18<br>HWSE | 18<br>NESE | 17<br>HWSE | 17<br>NEHW | 17<br>HWSE | 17<br>NESE | 18<br>HWSE | 18<br>NEHW | 18<br>HWSE | 18<br>NESE | 19<br>HWSE | 19<br>NEHW | 19<br>HWSE | 19<br>NESE | 20<br>HWSE | 20<br>NEHW | 20<br>HWSE | 20<br>NESE | 21<br>HWSE | 21<br>NEHW | 21<br>HWSE | 21<br>NESE |
| 18<br>LT04 | 18<br>SESW | 18<br>SWSE | 18<br>SESE | 17<br>SWSW | 17<br>SESW | 17<br>SWSE | 17<br>SESE | 18<br>SWSW | 18<br>SESW | 18<br>SWSE | 18<br>SESE | 19<br>SWSW | 19<br>SESW | 19<br>SWSE | 19<br>SESE | 20<br>SWSW | 20<br>SESW | 20<br>SWSE | 20<br>SESE | 21<br>SWSW | 21<br>SESW | 21<br>SWSE | 21<br>SESE |
| 19<br>LT01 | 19<br>NEHW | 19<br>HWHE | 19<br>NEHE | 20<br>HWHW | 20<br>NEHW | 20<br>HWHE | 20<br>NEHE | 21<br>HWHW | 21<br>NEHW | 21<br>HWHE | 21<br>NEHE | 22<br>HWHW | 22<br>NEHW | 22<br>HWHE | 22<br>NEHE | 23<br>HWHW | 23<br>NEHW | 23<br>HWHE | 23<br>NEHE | 24<br>HWHW | 24<br>NEHW | 24<br>HWHE | 24<br>NEHE |
| 19<br>LT02 | 19<br>SEHW | 19<br>SWHE | 19<br>SEHE | 20<br>SWHW | 20<br>SEHW | 20<br>SWHE | 20<br>SEHE | 21<br>SWHW | 21<br>SEHW | 21<br>SWHE | 21<br>SEHE | 22<br>SWHW | 22<br>SEHW | 22<br>SWHE | 22<br>SEHE | 23<br>SWHW | 23<br>SEHW | 23<br>SWHE | 23<br>SEHE | 24<br>SWHW | 24<br>SEHW | 24<br>SWHE | 24<br>SEHE |
| 19<br>LT03 | 19<br>NEHW | 19<br>HWSE | 19<br>NESE | 20<br>HWSE | 20<br>NEHW | 20<br>HWSE | 20<br>NESE | 21<br>HWSE | 21<br>NEHW | 21<br>HWSE | 21<br>NESE | 22<br>HWSE | 22<br>NEHW | 22<br>HWSE | 22<br>NESE | 23<br>HWSE | 23<br>NEHW | 23<br>HWSE | 23<br>NESE | 24<br>HWSE | 24<br>NEHW | 24<br>HWSE | 24<br>NESE |
| 19<br>LT04 | 19<br>SESW | 19<br>SWSE | 19<br>SESE | 20<br>SWSW | 20<br>SESW | 20<br>SWSE | 20<br>SESE | 21<br>SWSW | 21<br>SESW | 21<br>SWSE | 21<br>SESE | 22<br>SWSW | 22<br>SESW | 22<br>SWSE | 22<br>SESE | 23<br>SWSW | 23<br>SESW | 23<br>SWSE | 23<br>SESE | 24<br>SWSW | 24<br>SESW | 24<br>SWSE | 24<br>SESE |
| 20<br>LT01 | 20<br>NEHW | 20<br>HWHE | 20<br>NEHE | 21<br>HWHW | 21<br>NEHW | 21<br>HWHE | 21<br>NEHE | 22<br>HWHW | 22<br>NEHW | 22<br>HWHE | 22<br>NEHE | 23<br>HWHW | 23<br>NEHW | 23<br>HWHE | 23<br>NEHE | 24<br>HWHW | 24<br>NEHW | 24<br>HWHE | 24<br>NEHE | 25<br>HWHW | 25<br>NEHW | 25<br>HWHE | 25<br>NEHE |
| 20<br>LT02 | 20<br>SEHW | 20<br>SWHE | 20<br>SEHE | 21<br>SWHW | 21<br>SEHW | 21<br>SWHE | 21<br>SEHE | 22<br>SWHW | 22<br>SEHW | 22<br>SWHE | 22<br>SEHE | 23<br>SWHW | 23<br>SEHW | 23<br>SWHE | 23<br>SEHE | 24<br>SWHW | 24<br>SEHW | 24<br>SWHE | 24<br>SEHE | 25<br>SWHW | 25<br>SEHW | 25<br>SWHE | 25<br>SEHE |
| 20<br>LT03 | 20<br>NEHW | 20<br>HWSE | 20<br>NESE | 21<br>HWSE | 21<br>NEHW | 21<br>HWSE | 21<br>NESE | 22<br>HWSE | 22<br>NEHW | 22<br>HWSE | 22<br>NESE | 23<br>HWSE | 23<br>NEHW | 23<br>HWSE | 23<br>NESE | 24<br>HWSE | 24<br>NEHW | 24<br>HWSE | 24<br>NESE | 25<br>HWSE | 25<br>NEHW | 25<br>HWSE | 25<br>NESE |
| 20<br>LT04 | 20<br>SESW | 20<br>SWSE | 20<br>SESE | 21<br>SWSW | 21<br>SESW | 21<br>SWSE | 21<br>SESE | 22<br>SWSW | 22<br>SESW | 22<br>SWSE | 22<br>SESE | 23<br>SWSW | 23<br>SESW | 23<br>SWSE | 23<br>SESE | 24<br>SWSW | 24<br>SESW | 24<br>SWSE | 24<br>SESE | 25<br>SWSW | 25<br>SESW | 25<br>SWSE | 25<br>SESE |
| 21<br>LT01 | 21<br>NEHW | 21<br>HWHE | 21<br>NEHE | 22<br>HWHW | 22<br>NEHW | 22<br>HWHE | 22<br>NEHE | 23<br>HWHW | 23<br>NEHW | 23<br>HWHE | 23<br>NEHE | 24<br>HWHW | 24<br>NEHW | 24<br>HWHE | 24<br>NEHE | 25<br>HWHW | 25<br>NEHW | 25<br>HWHE | 25<br>NEHE | 26<br>HWHW | 26<br>NEHW | 26<br>HWHE | 26<br>NEHE |
| 21<br>LT02 | 21<br>SEHW | 21<br>SWHE | 21<br>SEHE | 22<br>SWHW | 22<br>SEHW | 22<br>SWHE | 22<br>SEHE | 23<br>SWHW | 23<br>SEHW | 23<br>SWHE | 23<br>SEHE | 24<br>SWHW | 24<br>SEHW | 24<br>SWHE | 24<br>SEHE | 25<br>SWHW | 25<br>SEHW | 25<br>SWHE | 25<br>SEHE | 26<br>SWHW | 26<br>SEHW | 26<br>SWHE | 26<br>SEHE |
| 21<br>LT03 | 21<br>NEHW | 21<br>HWSE | 21<br>NESE | 22<br>HWSE | 22<br>NEHW | 22<br>HWSE | 22<br>NESE | 23<br>HWSE | 23<br>NEHW | 23<br>HWSE | 23<br>NESE | 24<br>HWSE | 24<br>NEHW | 24<br>HWSE | 24<br>NESE | 25<br>HWSE | 25<br>NEHW | 25<br>HWSE | 25<br>NESE | 26<br>HWSE | 26<br>NEHW | 26<br>HWSE | 26<br>NESE |
| 21<br>LT04 | 21<br>SESW | 21<br>SWSE | 21<br>SESE | 22<br>SWSW | 22<br>SESW | 22<br>SWSE | 22<br>SESE | 23<br>SWSW | 23<br>SESW | 23<br>SWSE | 23<br>SESE | 24<br>SWSW | 24<br>SESW | 24<br>SWSE | 24<br>SESE | 25<br>SWSW | 25<br>SESW | 25<br>SWSE | 25<br>SESE | 26<br>SWSW | 26<br>SESW | 26<br>SWSE | 26<br>SESE |

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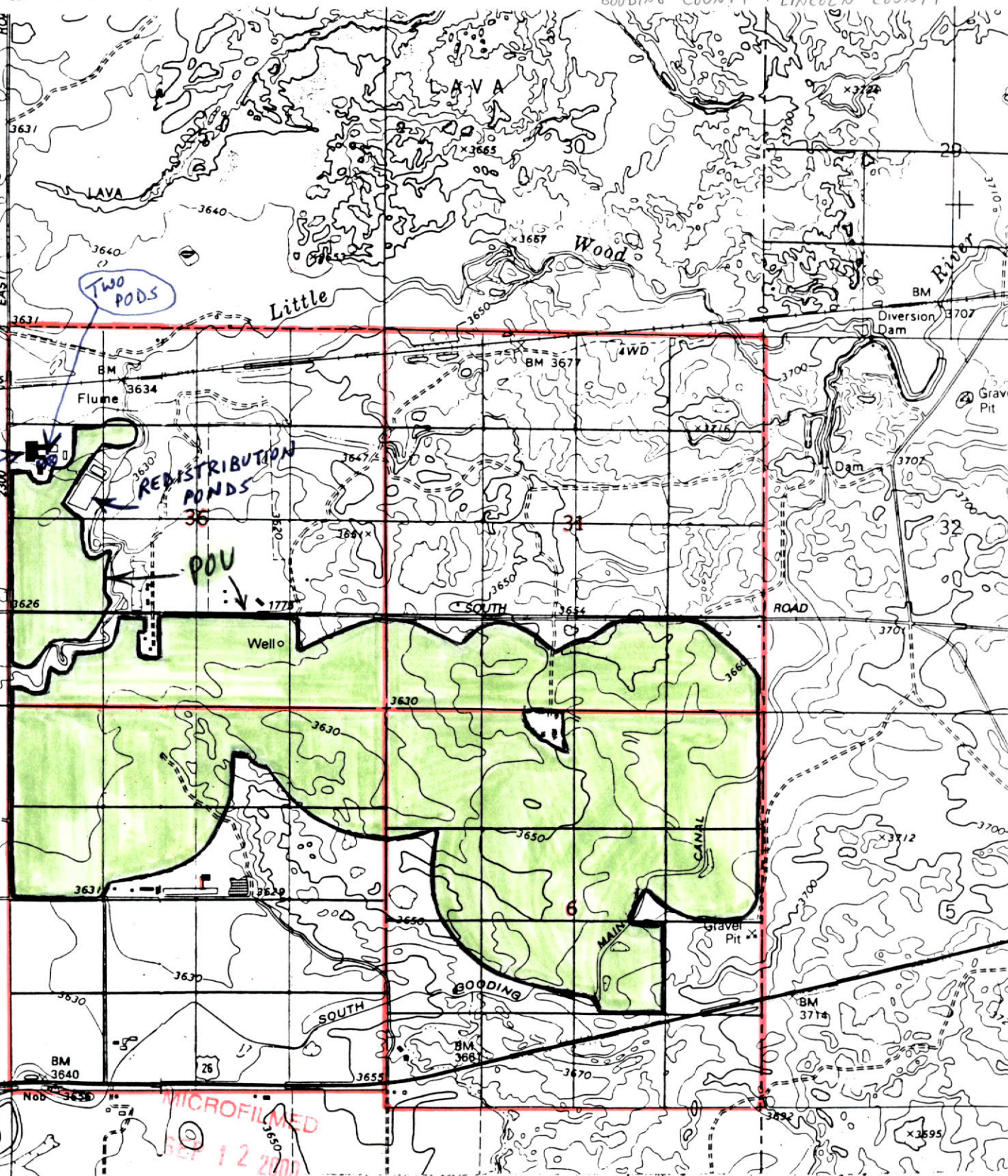
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QUADS AAZ1 & AAZ2

GOODING COUNTY LINCOLN COUNTY

TOWNSHIP 5 SOUTH

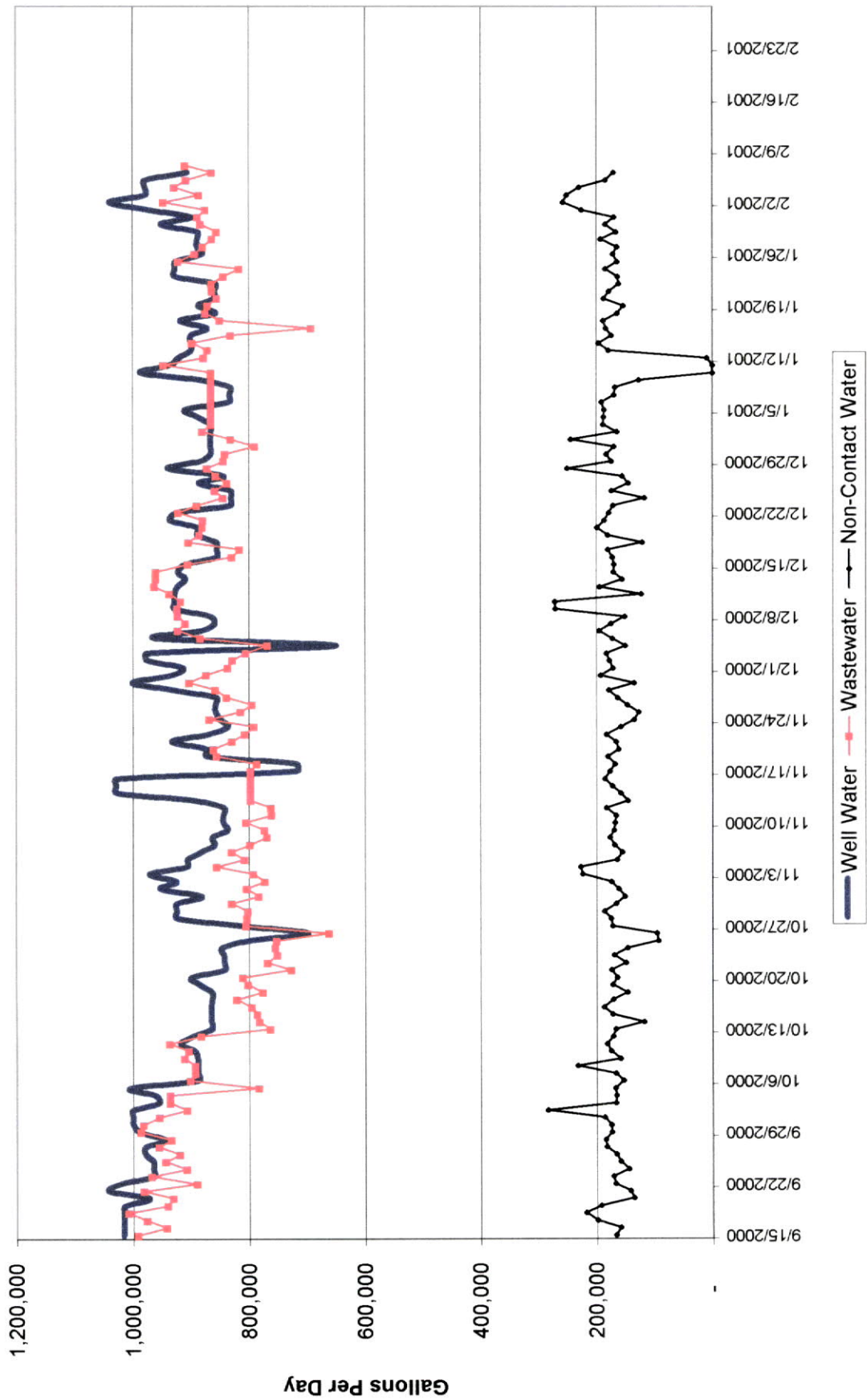
TOWNSHIP 6 SOUTH



RANGE 15 EAST

RANGE 16 EAST

# Gooding Water Usage





Box 640, Twin Falls, Idaho 83301  
Phone No. 733-3284

ORDER NO. \_\_\_\_\_

PUMP ESTIMATE  
AND ORDERDATE 7-21-1994

DEALER \_\_\_\_\_

CUSTOMER \_\_\_\_\_

Name \_\_\_\_\_ Date \_\_\_\_\_

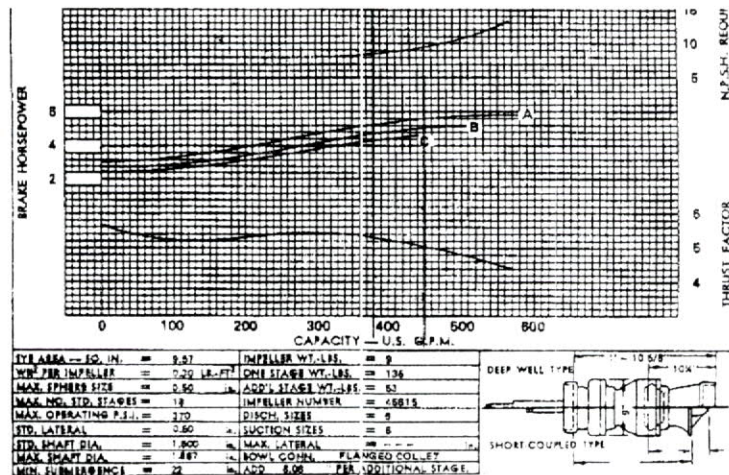
## PUMP CONDITIONS

Inside Dia. of Well \_\_\_\_\_ Lift in Well 140' Capacity 450/370 GPM  
Depth of Well \_\_\_\_\_ Lift Above 93/100 lbs. 208/231 Speed of Pump 1740 RPM  
Static Water Level \_\_\_\_\_ Column Friction 7 5 HP Required 50  
Drawdown \_\_\_\_\_ Total Dynam. Head 355/326 Allowable Shaft HP \_\_\_\_\_

| Number | DESCRIPTION                                   | LIST PRICE | NET PRICE |
|--------|-----------------------------------------------|------------|-----------|
| 1      | 50 HP MOTOR 3 Phase 460 Volts 11.5 A 1740 RPM |            |           |
|        | With Ratchet _____                            |            |           |
|        | Without Ratchet _____                         |            |           |
|        | HP STARTER _____                              |            |           |
|        | AMP SAFETY SWITCH _____                       |            |           |
|        | GEAR DRIVE _____                              |            |           |
|        | W/ SPICER SHAFT _____                         |            |           |
|        | W/ DRIVE FLANGE _____                         |            |           |
|        | W/ ENGINE FLANGE _____                        |            |           |
|        | HEAD _____                                    |            |           |
|        | OILER _____                                   |            |           |
|        | "X" DISCHARGE NIPPLE _____                    |            |           |
|        | SETTING OF _____                              |            |           |
| 1      | 9 BOWLS BEST Type _____                       |            |           |
|        | Impellers _____                               |            |           |
|        | Shaft Fitted _____                            |            |           |
|        | "X" SUCTION _____                             |            |           |
|        | "X" STRAINER _____                            |            |           |
|        | TOTAL                                         |            |           |

TF-127

Quoted By \_\_\_\_\_



②

Outside Man Bldg

4

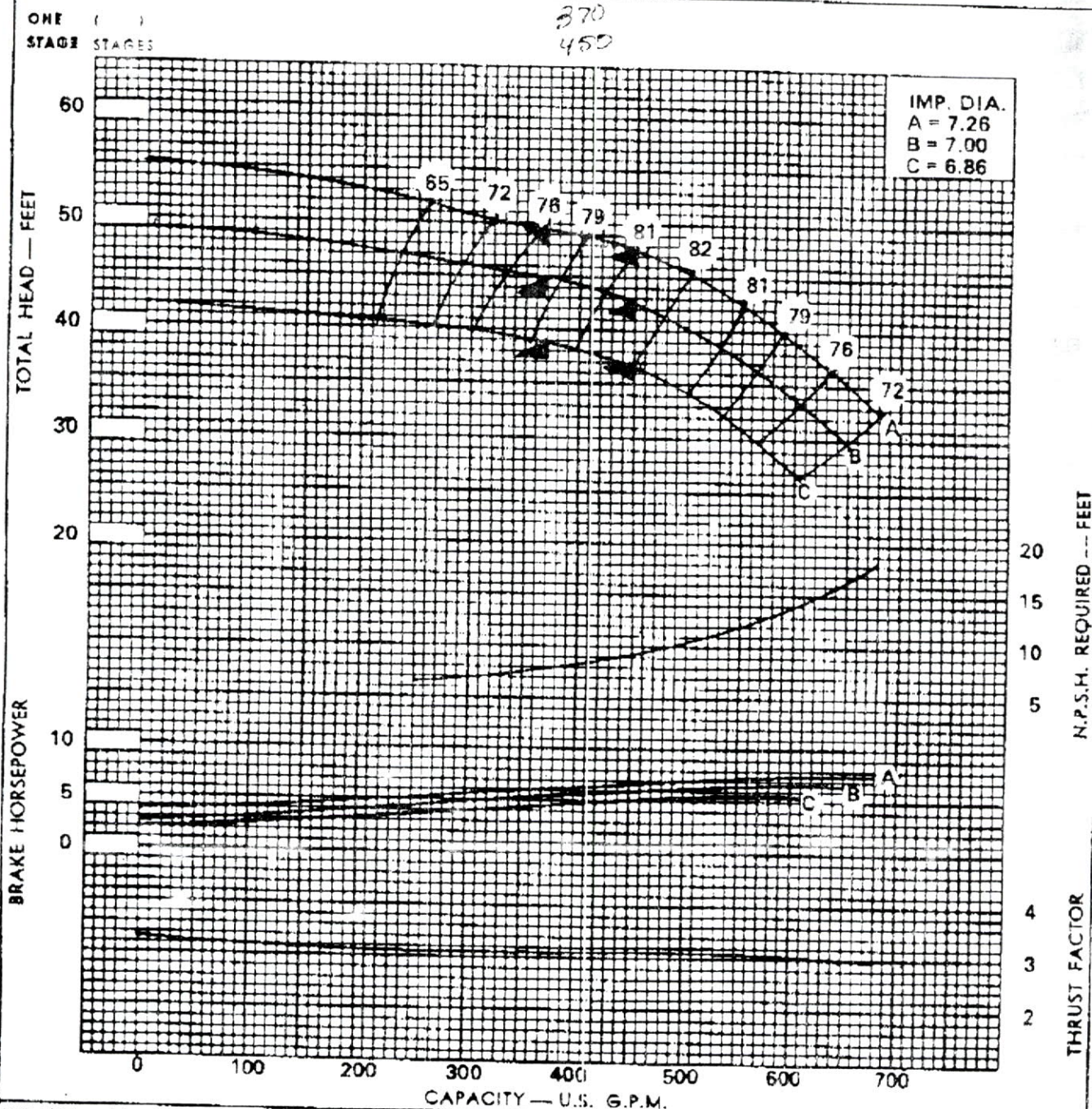
CURVE NO.  
18-077  
3-15-84

| No. Stages | Eff. Change | MATERIAL    | Eff. Change |
|------------|-------------|-------------|-------------|
| 1          | -4          | IMP.—C.I.   | -2          |
| 2          | -3          | IMP.—N.I.R. | 1           |
| 3          | -2          | BOWL—BRZ.   | -2          |
| 4          | 0           | BOWL—N.I.R. | 1           |

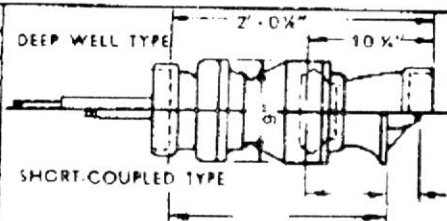
98EH

1750 R.P.M.

SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.



|                       |                |                      |                       |
|-----------------------|----------------|----------------------|-----------------------|
| EYE AREA — SQ. IN.    | = 9.57         | IMPELLER WT.—LBS.    | = 9                   |
| WR PER IMPELLER       | = 0.30 LB.-FT. | ONE STAGE WT.—LBS.   | = 135                 |
| MAX. SPHERE SIZE      | = 0.60 in.     | ADD'L STAGE WT.—LBS. | = 53                  |
| MAX. NO. STD. STAGES  | = 16           | IMPELLER NUMBER      | = 45819               |
| MAX. OPERATING P.S.I. | = 370          | DISCH. SIZES         | = 8                   |
| STD. LATERAL          | = 0.50 in.     | SUCTION SIZES        | = 8                   |
| STD. SHAFT DIA.       | = 1.500 in.    | MAX. LATERAL         | = — in.               |
| MAX. SHAFT DIA.       | = 1.687 in.    | BOWL CONN.           | FLANGED COLLET        |
| MIN. SUBMERGENCE      | = 22           | ADD 8                | PER ADDITIONAL STAGE. |



Outside Main Bldg

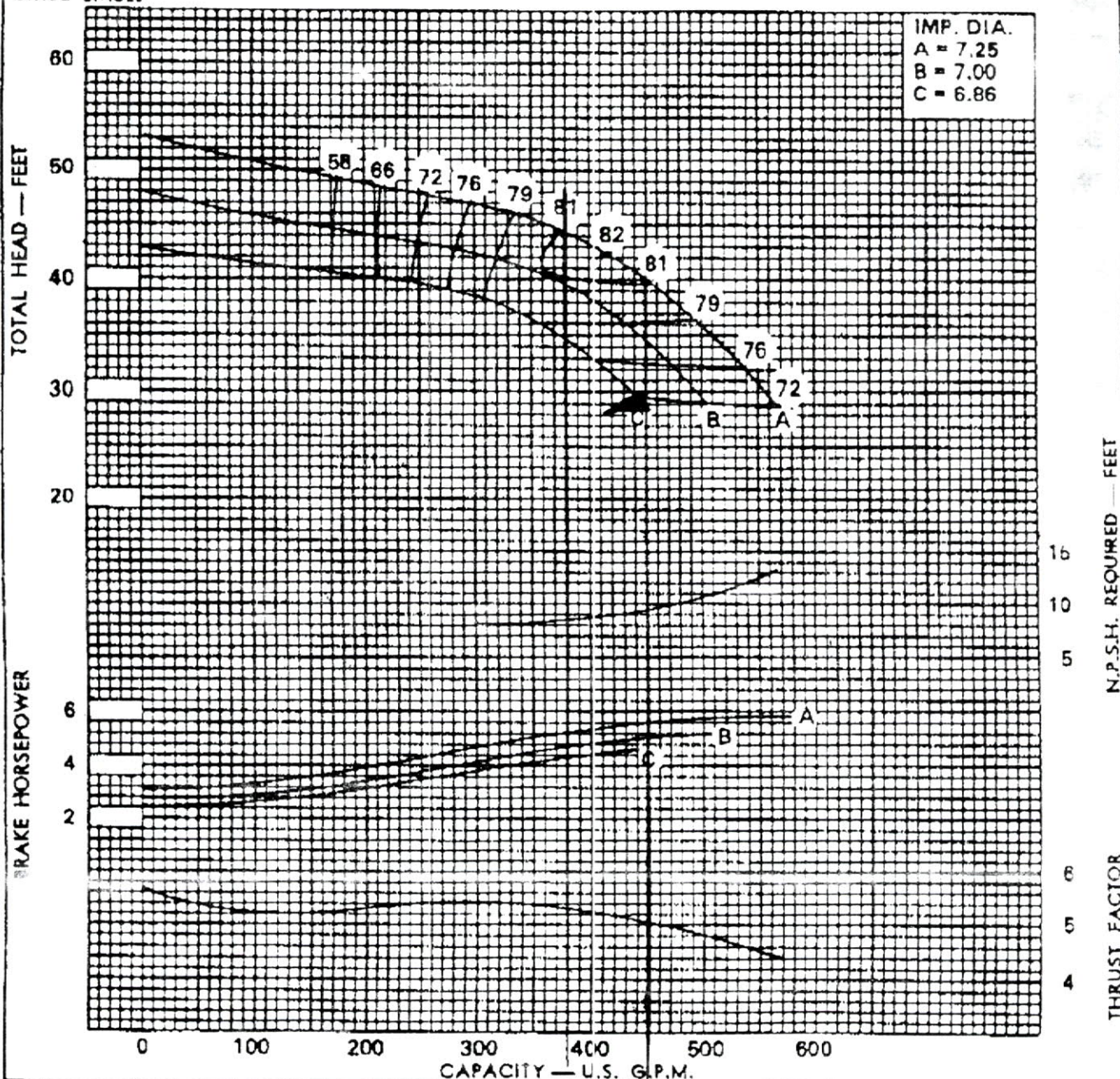
| CURVE NO.<br>18-069<br>24E 04 | No. Stages | Eff. Change | MATERIAL   | Eff. Change | 9BM                                                                                                                                                                                                           | 1780 | R.P.M. |
|-------------------------------|------------|-------------|------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|
|                               | 1          | -4          | IMP.—C.I.  | -2          | SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL. |      |        |
|                               | 2          | -3          | IMP.—NI-R  | -1          |                                                                                                                                                                                                               |      |        |
|                               | 3          | -2          | BOWL—BRZ.  | -2          |                                                                                                                                                                                                               |      |        |
|                               | 4          | 0           | BOWL—NI-R. | -1          |                                                                                                                                                                                                               |      |        |

ONE  
STAGE STAGES

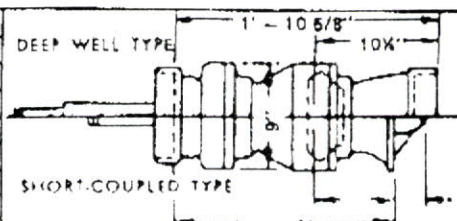
8-579 98EHM

430 @ 90 PSI

IMP. DIA.  
A = 7.25  
B = 7.00  
C = 6.86



|                       |                |                      |                       |
|-----------------------|----------------|----------------------|-----------------------|
| EYE AREA — SQ. IN.    | = 9.57         | IMPELLER WT.—LBS.    | = 9                   |
| WT. PER IMPELLER      | = 0.30 LB.-FT. | ONE STAGE WT.—LBS.   | = 136                 |
| MAX. SPHERE SIZE      | = 0.50 in.     | ADD'L STAGE WT.—LBS. | = 53                  |
| MAX. NO. STD. STAGES  | = 18           | IMPELLER NUMBER      | = 45815               |
| MAX. OPERATING P.S.I. | = 320          | DISCH. SIZES         | = 6                   |
| STD. LATERAL          | = 0.50 in.     | SUCTION SIZES        | = 6                   |
| STD. SHAFT DIA.       | = 1.500 in.    | MAX. LATERAL         | = — in.               |
| MAX. SHAFT DIA.       | = 1.687 in.    | BOWL CONN.           | FLANGED COLLET        |
| MIN. SUBMERGENCE      | = 22 in.       | ADD \$ .08           | PER ADDITIONAL STAGE. |



Hand-drawn schematic diagram of a water treatment system on graph paper. The diagram shows a flow from "Water Softeners" (three circles) to "Tanks" (two circles). From the tanks, water flows through a "Meter" into a "30,000 Storage Tank". A "Booster Pump" (square) draws water from the storage tank and pumps it back to the tanks. Another "Booster Pump" (square) is shown at the bottom, connected to a line labeled "A0007502". An arrow labeled "To Plant" points upwards from the tanks. The entire system is enclosed in a rectangular boundary.



4

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

## 1

2. Measurements: Please See Narrative

QUADS AAZI ; AAZZ

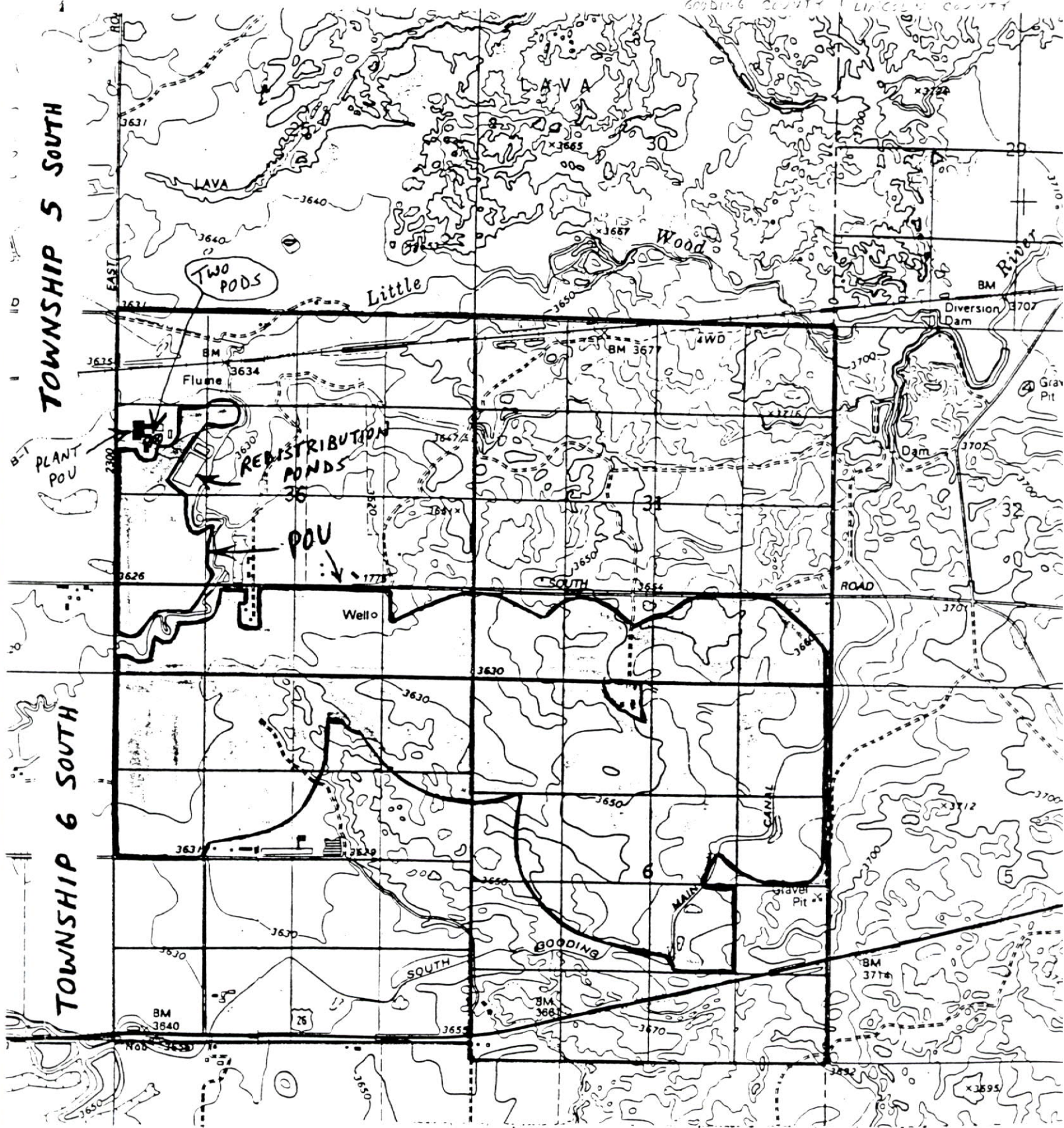
GORDON COUNTY | LINCOLN COUNTY

TOWNSHIP 5 SOUTH

TOWNSHIP 6 SOUTH

RANGE 15 EAST

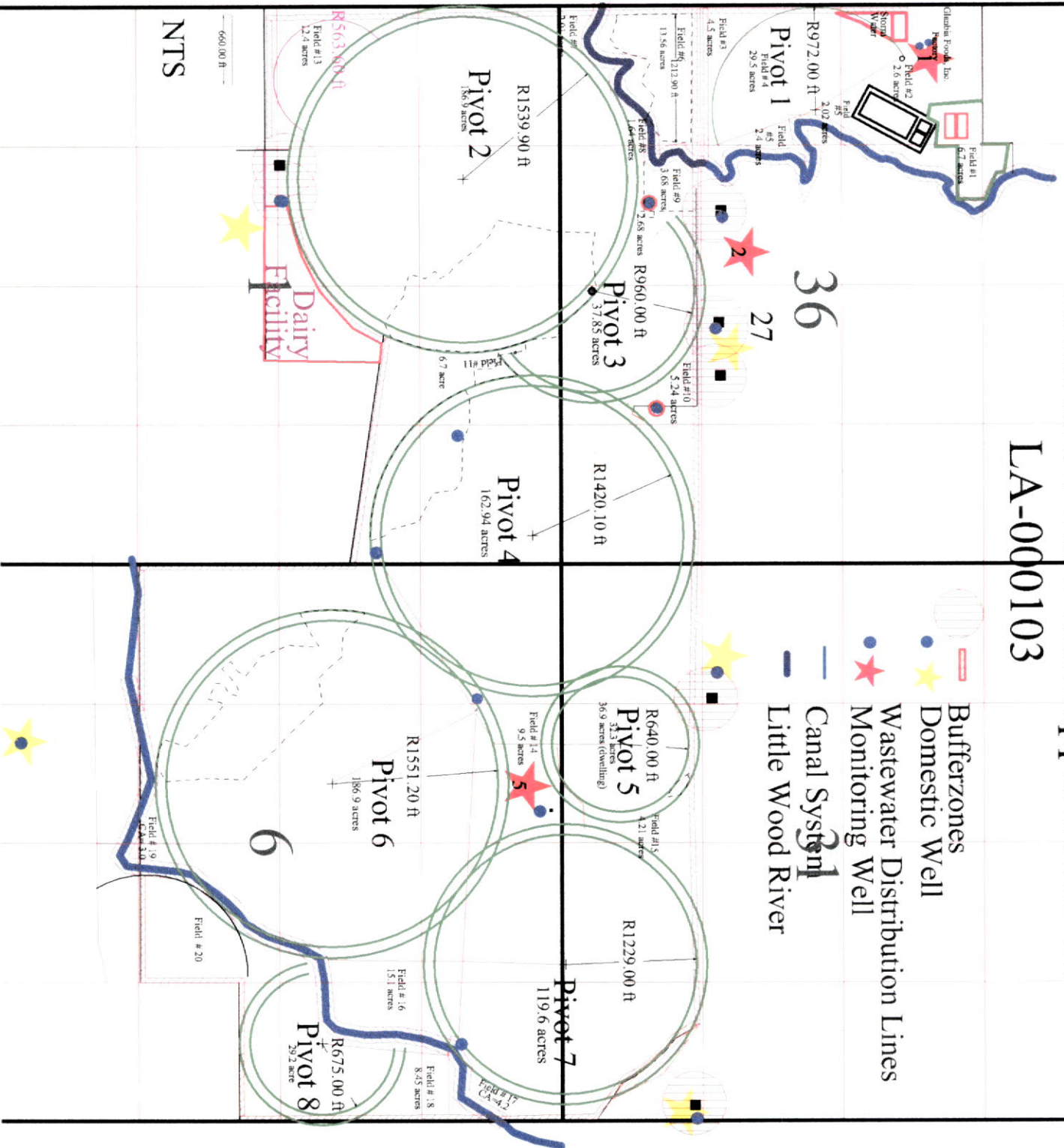
RANGE 16 EAST



# Glanbia Foods' Land Application Site

## LA-000103

- Bufferzones
- Domestic Well
- Wastewater Distribution Lines
- Monitoring Well
- Canal System
- Little Wood River



3  
Dairy Facility

T.S.S.

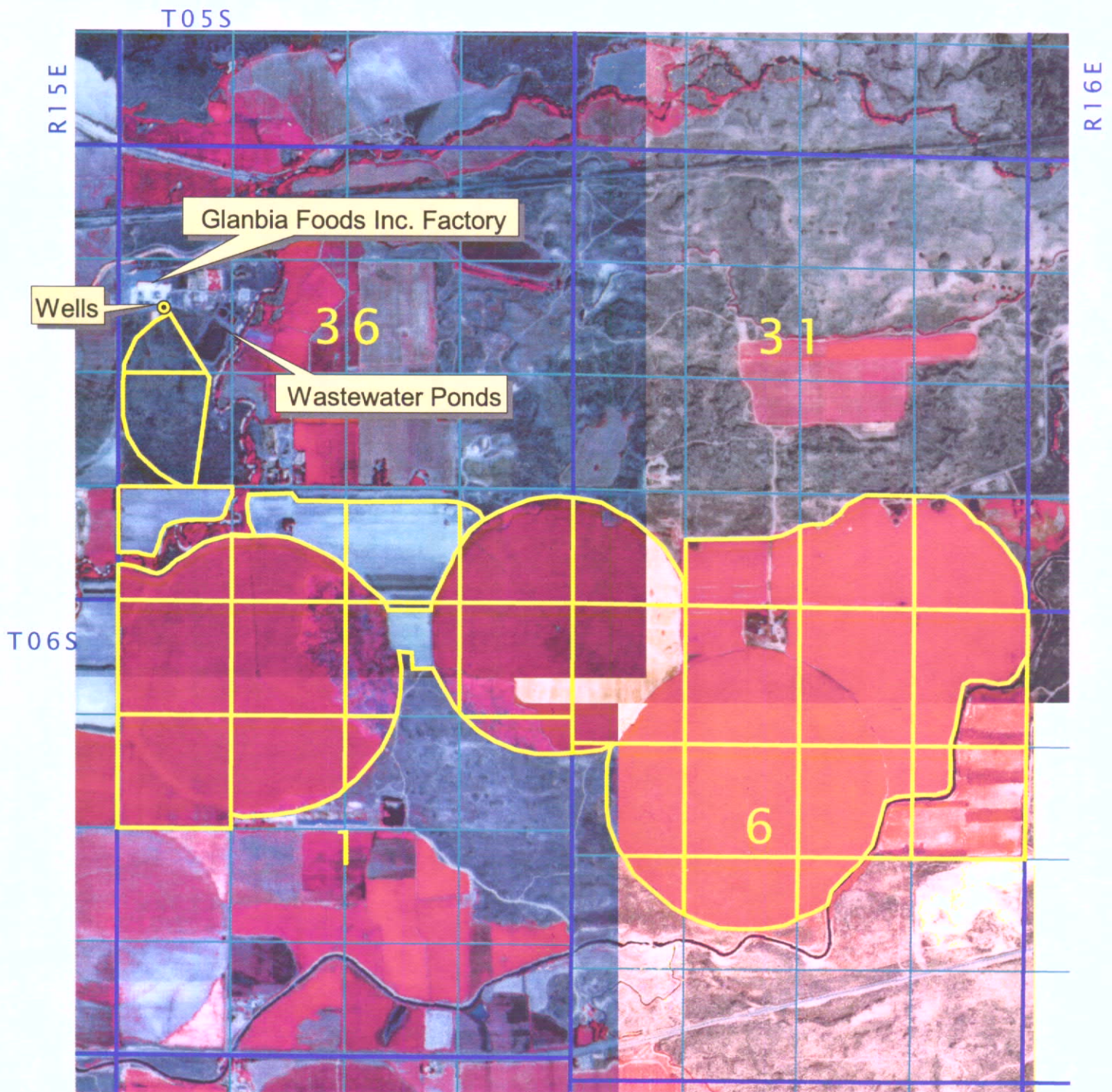
T.6.S.

4

# Idaho Department of Water Resource

## Recommendation for 37-08903

### Glanbia Foods Inc



● Point of Diversion

□ Section Lines

□ Quarter-quarter lines

□ Place of Use



Point of Diversion and Place of Use  
T05 & 06S R15 & 16E S18  
Data entry on Feb 28, 2001

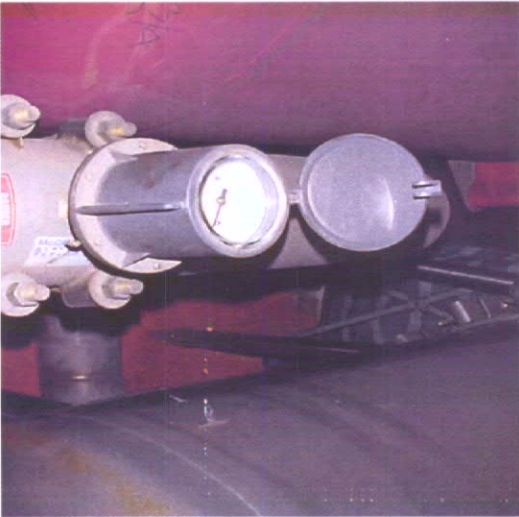
Point of Diversion Presentation  
1987/1988 NAPP Photography  
Data Entry By: Amanda Folsom



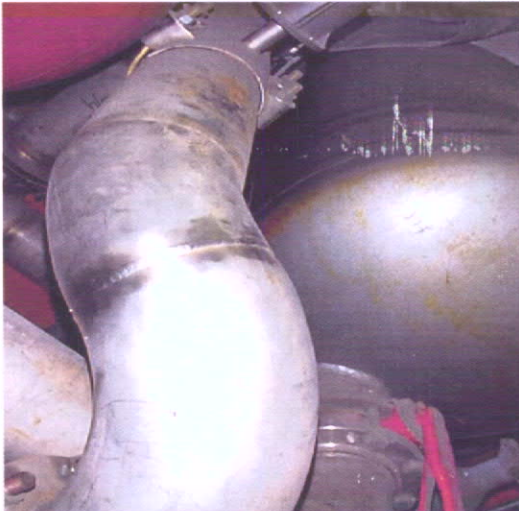
Outside Well 50hp pump



Inside well to right. Flow Measurement



Flow Meter



Pipe and Flow Meter

Waste Water Lagoon #1



Waste Water Lagoon #2



Waste Water Lagoon #3



Little Wood River

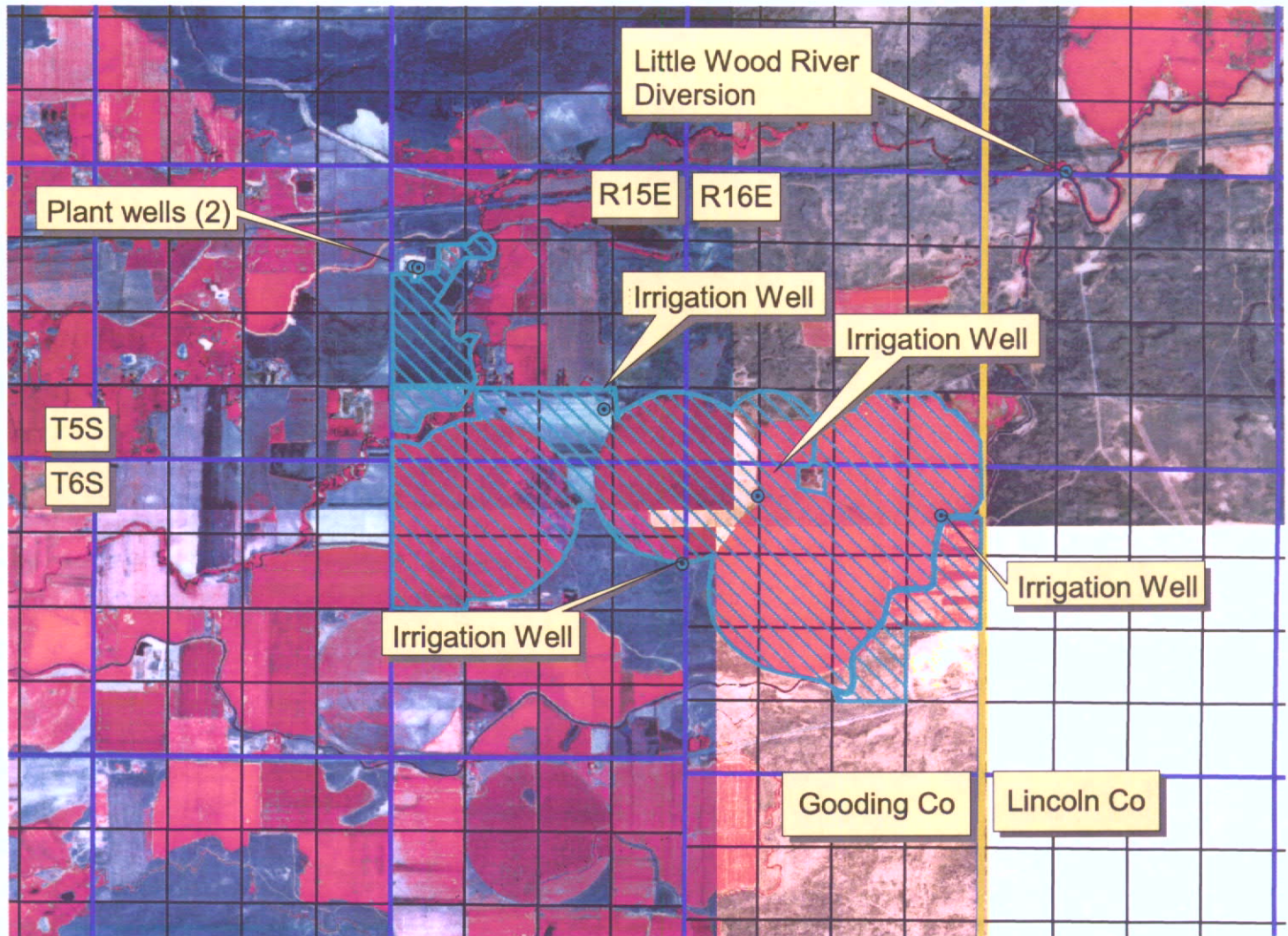


Glanbia Plant

IDAHO DEPARTMENT OF WATER RESOURCES

# AVONMORE WEST INC

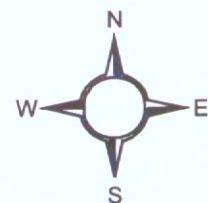
## T5622, T5623, T5625 & 37-07051



- B37-pod.shp
- B37-pou.shp
- Counties.shp
- T05s15e-sec.shp
- T05s15eqq.shp
- T05s16e-sec.shp
- T05s16eqq.shp
- T06s15e-sec.shp
- T06s15eqq.shp
- T06s16e-sec.shp
- T06s16eqq.shp

BY: ADM  
Date: 3/22/2000

UNRECORDED  
SEP 12 2000



# AFFIDAVIT of PUBLICATION

State of Idaho  
County of Gooding } ss.

RECEIVED

MAR 13 2000

Department of Water Resources  
Southern Region

Norma DeVoe, being first duly sworn, deposes and says that she is the printer (publisher) of the Gooding County Leader, a newspaper published every week in Gooding, County of Gooding, State of Idaho; that said newspaper has been continuously and uninterruptedly published for a period of seventy-eight consecutive weeks prior to the first publication of the annexed notice, and is a newspaper qualified to publish legal notices as provided by act of the 1919 session of the legislature of the State of Idaho, known as House Bill 145; that the annexed advertisement was published once each week for

2 consecutive issues in said newspaper proper and not in supplement; that the date of the first publication of said advertisement was on the 2nd day of March, 192000

and that date of the last publication was on the 9th day of March, 192000

On this 9th day of March

in the year of 2000, before me, a Notary Public, personally appeared Norma DeVoe, known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledge to me that she executed the same.

Shelley Sturgeon  
Notary Public for Idaho  
Residing at Jerome

SHELLEY STURGEON  
Notary Public  
State of Idaho

My commission expires: 12/3/00

#7360/29768  
GOODING COUNTY LEADER

Gooding, Idaho

## COST OF PUBLICATION

Number of Picas per Line \_\_\_\_\_

Number of Lines in Notice \_\_\_\_\_

Number of Insertions 2x

— 198.01 Lines tabular at 14.85 7.5¢/Pica  
— 890.99 Lines straight at 57.91 6.5¢/Pica  
— 1089 Subsequent lines at 59.90 5.5¢/Pica

Affidavit Fee: 2.25

TOTAL COST 134.91

Gambia Foods #37-08903

TITLE OF NOTICE

PLAINTIFF ATTORNEY

DEFENDANT

PLAINTIFF

IDWR  
BILL TO

## COPY OF NOTICE

### NOTICE OF APPLICATION FOR WATER PERM

The following application have been filed by Gambia Foods, Inc., 1728 S 2300 E, Gooding ID waters of the State of Idaho:

Application for Permit No. 37-08903

Source: ground water (existing development)  
Diversion Pt(s): Two wells within SWNW, S36, T05S, R15E; and NENE & NWNW, S06, T06S, R16E; Gooding County for product cooling equipment within cheese manufacturing and whey  
Applicant seeks processing of application as non-c  
Date Filed: 09/17/99

Transfer No. 5622 requests to record a 983.7 irrig of use by diverting a combined total of 15.61 cfs nected wells located within SWSE, S36, T05S, R15E; and NENE & NWNW, S06, T06S, R16E; Gc lowing water rights within the same sections:

| Right No. | Priority   |
|-----------|------------|
| 37-07260  | 08/08/1973 |
| 37-07380A | 09/05/1974 |
| 37-07380C | 09/05/1974 |
| 37-07576  | 03/29/1977 |

Transfer No. 5623 a companion to proposed Tran of diversion within SESW, S29, T05S, R16E loca applicant requests to record the diversion of a tota Wood river tributary to Malad River within SESW, County which is co-mingled with ground water, ca plant waste water for use on the same 983.7 irrig County listed above using the following listed rights

| Right No. | Priority   |
|-----------|------------|
| 37-00177N | 04/01/1883 |
| 37-00374B | 05/15/1884 |
| 37-02043B | 05/10/1906 |

Transfer No. 5625 requests to change points of for Right No. 37-07051 (1.00 cfs) recorded with from ground water within NWSW, S36, T05S, R there; Gooding County. The applicant wishes to r diversion points within SWNW, S36, T05S for lan plant waste water at same place of use as listed tion(s) must be filed with the Department of W Region, 1341 Fillmore St., Suite 200; Twin Falls, protest fee of \$25.00 on or before March 20, 200 Department in its decision to grant or deny any pa tion (s). Each app 60 requires a separate must also send a copy, and protest to the applica

PUB: 3/2 - 3/9

29768

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SEP 12 2000

*Numerous errors noted - MB 3/27/00 omissions*

RECEIVED

JUL 27 2000

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner.

1. Permit No. 37-08903 Telephone No. 1-208-934-8195 Ext. 117

2. Name of Permit Holder(s): Glanbia Foods, Inc.

3. Mailing Address: 1728 South 2300 East

City Gooding State ID. Zip 83330

4. Source of Water: Ground Water If **GROUNDWATER** (well), Date Drilled: mo. Aug <sup>Existing Wells</sup> 1 yr. 1969

Well Driller: Harry King Drilling Drilling Permit Number:            -            -            -           

5. Use(s) (as authorized by the water right permit):

Domestic (No. of households):            Stockwater (No. and type of stock):           

Irrigation (No. of acres):            Other: Commercial

6. Total rate of diversion and/or volume for which proof is submitted: 2 cfs OR            acre-feet

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)

(This question is **not optional**. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required? Yes ☒ or No ☐  
Has the measuring device been installed? Yes ☒ or No ☐

8. Fee Enclosed: \$ 125.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: Rick Warren Telephone Number: 731-3396 Cell  
934-8195 Ext 117 office

Address: 1728 South 2300 East Gooding, Idaho 83330

10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.

Signature of permit holder: Rickie Del Warren Environmental Director Date: 7/20/00  
(include your title, if on behalf of company or organization)

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SEP 12 2000

State of Idaho  
Department of Water Resources  
**Permit To Appropriate Water**

NO. 37-08903

Priority: September 17, 1999

Maximum Diversion Rate:

2.00 CFS

This is to certify, that **GLANBIA FOODS INC**  
C/O RICK WARREN  
1728 S 2300 E  
GOODING ID 83330

has applied for a permit to appropriate water from: **GROUND WATER**

and a permit is **APPROVED** for development of water as follows:

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>RATE OF DIVERSION</u> |
|-----------------------|----------------------|--------------------------|
|-----------------------|----------------------|--------------------------|

|            |                |          |
|------------|----------------|----------|
| COMMERCIAL | 01/01 to 12/31 | 2.00 CFS |
|------------|----------------|----------|

LOCATION OF POINT(S) OF DIVERSION: NWSWNW , Sec. 36, Township 05S, Range 15E  
GOODING County

PLACE OF USE: COMMERCIAL

TWN RGE SEC

|                        |      |              |              |
|------------------------|------|--------------|--------------|
| 05S 15E 36             | NENW | SWNW         | SENE         |
|                        | NESW | NWSW         | SWSW         |
|                        | SESW | SWSE         | SESE         |
| 16E 31 Lot 4 (SWSW)    | SESE | SESW         | SWSE         |
| 06S 15E 1 Lot 1 (NENE) | SENE | Lot 2 (NWNE) | SWNE         |
|                        | SWNW | Lot 3 (NENW) | Lot 4 (NWNW) |
| 16E 6 Lot 1 (NENE)     | SENE | SENE         | SWNE         |
|                        | SWNW | Lot 2 (NWNE) | SWNE         |
|                        | SENE | Lot 3 (NENW) | Lot 4 (NWNW) |
| Lot 5 (SWNW)           | SENE | SENE         | NESW         |
| Lot 6 (NWSW)           | NWSE |              |              |

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of application of water to beneficial use shall be submitted on or before **July 1, 2005**.
2. Subject to all prior water rights.
3. The issuance of this right does not grant any right-of-way or easement across the land of another.
4. The right holder shall measure and annually report diversions of water and/or other pertinent hydrologic and system information as required by Section 42-701, Idaho Code.
5. This permit does not authorize the construction of any new well(s).

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SEP 17 1999

State of Idaho  
Department of Water Resources**Permit To Appropriate Water**

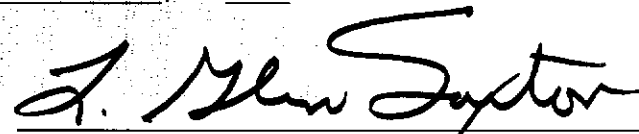
NO. 37-08903

CONDITIONS OF APPROVAL AND REMARKS

6. The place of commercial use authorized by this approval includes land upon which waste water may be applied for irrigation purposes to satisfy water quality requirements. Water diverted under this approval shall not be used for irrigation unless the water is first used in the cheese manufacturing and whey processing plant as authorized by this water right.
7. Two points of diversion are located in the NWSWNW, S36, T5S, R15E.
8. The right holder shall mitigate for the commercial use of water authorized under this right by discharging waste water from the manufacturing and processing plant into an unlined pond and causing the water to seep into the ground and/or by applying waste water from the manufacturing and processing plant to land authorized to be irrigated under Rights 37-07260, 37-07380A, 37-07380C, and 37-07576, and reducing the amount of water diverted for irrigation purposes under those rights.
9. Water diverted under Right 37-07051 shall not be counted toward the mitigation requirement for this right. Therefore, the amount of water seeping from the pond combined with the amount of the reduction of water pumped under Rights 37-07260, 37-07380A, 37-07380C, and 37-07576 shall equal or exceed the amount of water diverted under this right and Right 37-07051.
10. The right holder shall maintain records demonstrating compliance with the mitigation requirement for this right and shall provide those records to the department upon request.
11. Use of water under this right shall comply with applicable water quality regulations of the Department of Environmental Quality.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.  
Witness the signature of the Director, affixed at Boise, this

29<sup>th</sup> day of June, 2000.

  
for Karl J. Dreher, Director

MICROFILMED

SEP 12 2000

11/99

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

RECEIVED  
APR 12 2000  
Department of Water Resources  
Southern Region

ASSIGNMENT OF APPLICATION FOR PERMIT

To change the ownership of an application for permit

I, AVONMORE WEST INC., hereby assign to Glanbia Foods, Inc.  
of, 1373 Fillmore St., Twin Falls, Idaho 83301  
(Full Address) (Phone)

All my right, title, and interest in and to Application for Permit No. 37-08903  
to appropriate the public waters of the State of Idaho.

OR (for partial assignments)

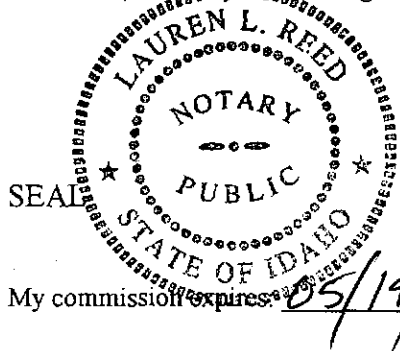
The following described portion of my right, title, and interest in and to Application for  
Permit No. N/A to appropriate the public waters of the State of Idaho.  
(Describe portion of the application for permit assigned, listing the number of acres in each 40 acre  
subdivision, point of diversion location, and amount of the water in cubic feet per second.)

Made this 5th day of April, 20 00

[Signature]  
Applicant(s)

State of Idaho )  
County of Twin Falls )ss

On this 5th day of April, 20 00, personally appeared before me the signer(s) of the above  
instrument, who duly acknowledged to me that he (she) (they) executed the same.



[Signature]  
Notary Public residing at Idaho, Idaho

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SEP 12 2000

RECEIVED

JUN 6 - 2000

Department of Water Resources

## STATE OF IDAHO

## DEPARTMENT OF WATER RESOURCES

## APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

Ident. No. 37-08963

RECEIVED

SEP 20 1999

Department of Water Resources  
Southern Region

1. Name of Applicant AVONMORE WEST INC. Attn: Rick Warren Phone 208-934-8195 EXT. 117  
Mailing address 1728 SOUTH 2300 EAST GOODING, ID 83330
2. Source of water supply GROUNDWATER which is a tributary of \_\_\_\_\_
3. Location of point of diversion is Township 05 S Range 15 E Sec. 36 in the NW 1/4, SW 1/4, NW 1/4, Govt. Lot \_\_\_\_\_, B.M., GOODING County.  
additional points of diversion if any: \* TWO WELLS @ THIS LOCATION

## 4. Water will be used for the following purposes:

- Amount 2.00 CFS for COMMERCIAL purposes from 01/01 to 12/31 (both dates inclusive)  
(cfs or acre-feet per annum)
- Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)
- Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)
- Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)
- Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)
- Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)

5. Total quantity to be appropriated is (a) 2.00 and/or (b) \_\_\_\_\_  
cubic feet per second acre feet per annum

## 6. Proposed diverting works:

- a. Describe type and size of devices used to divert water from the source TWO WELLS AND PUMPS WITH SINGLE LINE TO PLANT WITH WASTE WATER FROM PLANT ROUTED TO REDISTRIBUTION POND FOR LAND APPLICATION.

- b. Height of storage dam \_\_\_\_\_ feet; active reservoir capacity \_\_\_\_\_ acre-feet; total reservoir capacity \_\_\_\_\_ acre-feet

- c. ~~Proposed~~ <sup>EXISTING</sup> well diameter is 12 inches; ~~proposed~~ <sup>EXISTING</sup> depth of well is 280/370 feet

- d. Is ground water with a temperature of greater than 85°F being sought? NO

- e. If well is already drilled, when? 1969; Drilling firm Harry King Drilling  
Well was drilled for (well owner) Magic Valley Packing; Drilling Permit No. \_\_\_\_\_

7. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year)

## 8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. \_\_\_\_\_

- b. Stockwatering; list number and kind of livestock. MICROFILMED

- c. Municipal; show name of municipality. SEP 17 2000

- d. Domestic; show number of households. \_\_\_\_\_

- e. Other; describe fully. Commercial Water supply for cheese manufacturing and whey processing plant. Water is used for product cooling and for cleaning of plant & equipment. Non-Contact cooling water is discharged to the Little Wood River or diverted into wastewater stream. Waste water is treated on a Land Application Treatment site as permitted by IDEQ. Existing water rights irrigate said property. Water right for this application should be considered non-consumptive

9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

| TWP | RGE | SEC | NE    |       |    |    | NW    |       |       |    | SW |       |       |    | SE |    |    |    | TOTALS |
|-----|-----|-----|-------|-------|----|----|-------|-------|-------|----|----|-------|-------|----|----|----|----|----|--------|
|     |     |     | NE    | NW    | SW | SE | NE    | NW    | SW    | SE | NE | NW    | SW    | SE | NE | NW | SW | SE |        |
| 05S | 15E | 36  |       |       |    |    | C     |       | C     | C  | C  | C     | C     | C  |    |    | C  | C  |        |
| 05S | 16E | 31  |       |       |    |    |       |       |       |    |    |       | C     | C  |    |    | C  | C  |        |
|     |     |     |       |       |    |    |       |       |       |    |    |       | LOT 4 |    |    |    |    |    |        |
| 06S | 15E | 01  | C     | C     | C  | C  | C     | C     | C     | C  |    |       |       |    |    |    |    |    |        |
|     |     |     | LOT 1 | LOT 2 |    |    | LOT 3 | LOT 4 |       |    |    |       |       |    |    |    |    |    |        |
| 06S | 16E | 06  | C     | C     | C  | C  | C     | C     | C     | C  | C  | C     |       |    |    | C  |    |    |        |
|     |     |     | LOT 1 | LOT 2 |    |    | LOT 3 | LOT 4 | LOT 5 |    |    | LOT 6 |       |    |    |    |    |    |        |

Total number of acres to be irrigated \_\_\_\_\_

10. Describe any other water rights used for the same purposes as described above. 37-07051 FOR COMMERCIAL

USE IN PLANT, ALSO SEE COMPANION TRANSFER APPLICATIONS FOR OVERLAPPING IRRIGATION RIGHT.

11. a. Who owns the property at the point of diversion? AVONMORE

b. Who owns the land to be irrigated or place of use? AVONMORE AND ARKOOSH PRODUCE/GREENHORN FARMS

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: Part of the property on which wastewater is treated is owned by Arkkoosh

12. Remarks: Produce Greenhorn Farms. Avonmore West Inc. has a Lease/purchase option on said property. Additionally, please see the attached letter from mortgage holder of Arkkoosh Produce.

13. MAP OF PROPOSED PROJECT REQUIRED - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

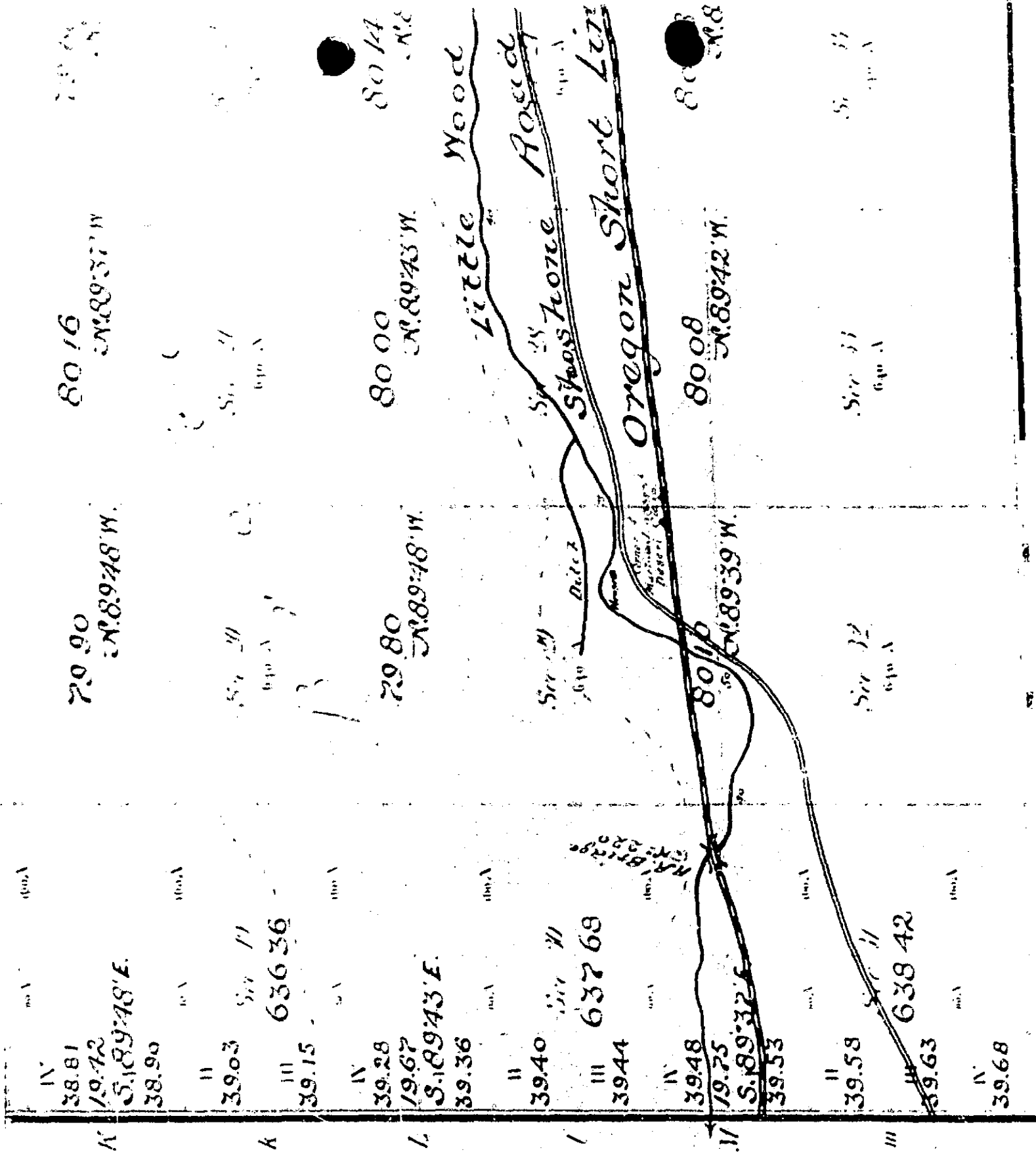
*Signature of Applicant (and title, if applicable)*  
Michael Thomas  
 PRESIDENT OF AVONMORE

Received by A. SKINNER Date 9/17/99 Time NOONISH Preliminary check by A. SKINNER  
 Fee \$ 120.00 Receipted by A. SKINNER # 5022555 Date 9/17/99  
 Publication prepared by MB Date 2/18/00 Published in Booming Co. Leader  
 Publication approved \_\_\_\_\_ Date \_\_\_\_\_

Numerous omissions noted. MB

3/27/00

37-08903

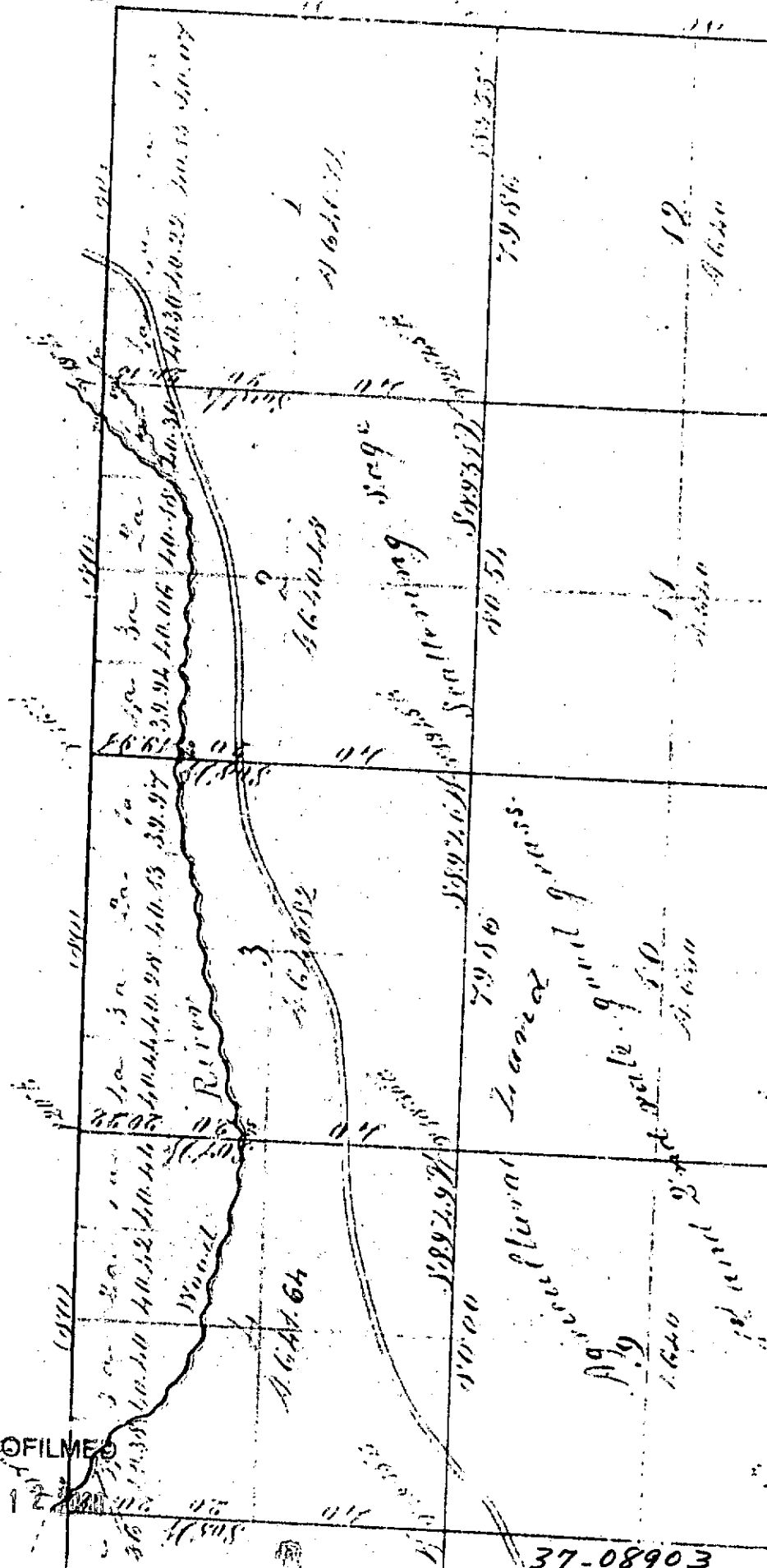


T06S, R15E

H. Range No 15 East Base April 1949

MICROFILMED

SEP 12 1960



37-08903



MICROFILMED  
SEP 12 2000

37-08903

06S15E

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 08   | 08   | 08   | 08   | 05   | 05   | 05   | 05   | 04   | 04   | 04   | 04   | 03   | 03   | 03   | 03   | 02   | 02   | 02   | 02   | 01   | 01   | 01   | 01   |
| LT04 | LT03 | LT02 | LT01 | LT04 | LT03 | LT02 | LT01 | LT04 | LT03 | LT02 | LT01 | LT04 | LT03 | LT02 | LT01 | LT04 | LT03 | LT02 | LT01 | LT04 | LT03 | LT02 | LT01 |
| 08   | 08   | 08   | 08   | 05   | 05   | 05   | 05   | 04   | 04   | 04   | 04   | 03   | 03   | 03   | 03   | 02   | 02   | 02   | 02   | 01   | 01   | 01   | 01   |
| LT05 | SEHW | SWGE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE |
| 08   | 08   | 08   | 08   | 05   | 05   | 05   | 05   | 04   | 04   | 04   | 04   | 03   | 03   | 03   | 03   | 02   | 02   | 02   | 02   | 01   | 01   | 01   | 01   |
| LT08 | NEHW | NWGE | NESE | NWSW | NEHW | NWNE | NESE | NWHW | NEHW | NWNE | NESE | NWNW | NEHW | NWNE | NESE | NWNW | NEHW | NWNE | NESE | NWHW | NEHW | NWNE | NESE |
| 08   | 08   | 08   | 08   | 05   | 05   | 05   | 05   | 04   | 04   | 04   | 04   | 03   | 03   | 03   | 03   | 02   | 02   | 02   | 02   | 01   | 01   | 01   | 01   |
| LT07 | SESW | SWGE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE | SWNW | SESW | SWNE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE |
| 07   | 07   | 07   | 07   | 08   | 08   | 08   | 08   | 08   | 08   | 08   | 08   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   |
| LT01 | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHHW | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHHW | NEHW | NWNE | NEHE |
| 07   | 07   | 07   | 07   | 08   | 08   | 08   | 08   | 08   | 08   | 08   | 08   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   |
| LT02 | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE |
| 07   | 07   | 07   | 07   | 08   | 08   | 08   | 08   | 08   | 08   | 08   | 08   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   |
| LT03 | NESW | NWGE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE |
| 07   | 07   | 07   | 07   | 08   | 08   | 08   | 08   | 08   | 08   | 08   | 08   | 10   | 10   | 10   | 10   | 11   | 11   | 11   | 11   | 12   | 12   | 12   | 12   |
| LT04 | SESW | SWGE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE | SWNW | SESW | SWNE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE |
| 18   | 18   | 18   | 18   | 17   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 13   |
| LT01 | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHHW | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHHW | NEHW | NWNE | NEHE |
| 18   | 18   | 18   | 18   | 17   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 13   |
| LT02 | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE |
| 14   | 18   | 18   | 18   | 17   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 13   |
|      | NESW | NWGE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE |
| 18   | 18   | 18   | 18   | 17   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 13   |
| LT04 | SESW | SWGE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE | SWNW | SESW | SWNE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE |
| 18   | 18   | 18   | 18   | 17   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 13   |
| LT05 | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE |
| 18   | 18   | 18   | 18   | 17   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 13   |
| LT08 | NEHW | NWNE | NESE | NWSW | NEHW | NWNE | NESE | NWHW | NEHW | NWNE | NESE | NWNW | NEHW | NWNE | NESE | NWNW | NEHW | NWNE | NESE | NWHW | NEHW | NWNE | NESE |
| 18   | 18   | 18   | 18   | 17   | 17   | 17   | 17   | 18   | 18   | 18   | 18   | 15   | 15   | 15   | 15   | 14   | 14   | 14   | 14   | 13   | 13   | 13   | 13   |
| LT07 | SESW | SWGE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE | SWNW | SESW | SWNE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE |
| 30   | 30   | 30   | 30   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 27   | 27   | 27   | 27   | 26   | 26   | 26   | 26   | 25   | 25   | 25   | 25   |
| LT01 | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHHW | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHHW | NEHW | NWNE | NEHE |
| 30   | 30   | 30   | 30   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 27   | 27   | 27   | 27   | 26   | 26   | 26   | 26   | 25   | 25   | 25   | 25   |
| LT02 | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE |
| 30   | 30   | 30   | 30   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 27   | 27   | 27   | 27   | 26   | 26   | 26   | 26   | 25   | 25   | 25   | 25   |
| LT03 | NESW | NWGE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE |
| 30   | 30   | 30   | 30   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 27   | 27   | 27   | 27   | 26   | 26   | 26   | 26   | 25   | 25   | 25   | 25   |
| LT04 | SESW | SWGE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE | SWNW | SESW | SWNE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE |
| 31   | 31   | 31   | 31   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 24   | 24   | 24   | 24   | 25   | 25   | 25   | 25   | 26   | 26   | 26   | 26   |
| LT01 | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHHW | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHNW | NEHW | NWNE | NEHE | NHHW | NEHW | NWNE | NEHE |
| 31   | 31   | 31   | 31   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 24   | 24   | 24   | 24   | 25   | 25   | 25   | 25   | 26   | 26   | 26   | 26   |
| LT02 | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWNW | SEHW | SWNE | SENE | SWHW | SEHW | SWNE | SENE |
| 31   | 31   | 31   | 31   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 24   | 24   | 24   | 24   | 25   | 25   | 25   | 25   | 26   | 26   | 26   | 26   |
| LT03 | NESW | NWGE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE | NHSW | NESW | NWNE | NESE |
| 31   | 31   | 31   | 31   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 24   | 24   | 24   | 24   | 25   | 25   | 25   | 25   | 26   | 26   | 26   | 26   |
| LT04 | SESW | SWGE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE | SWNW | SESW | SWNE | SESE | SWSW | SESW | SWNE | SESE | SWHW | SESW | SWNE | SESE |

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SEP 12 2000

37-08903

QUADS AAZ1 &amp; AAZ2

GOODING COUNTY

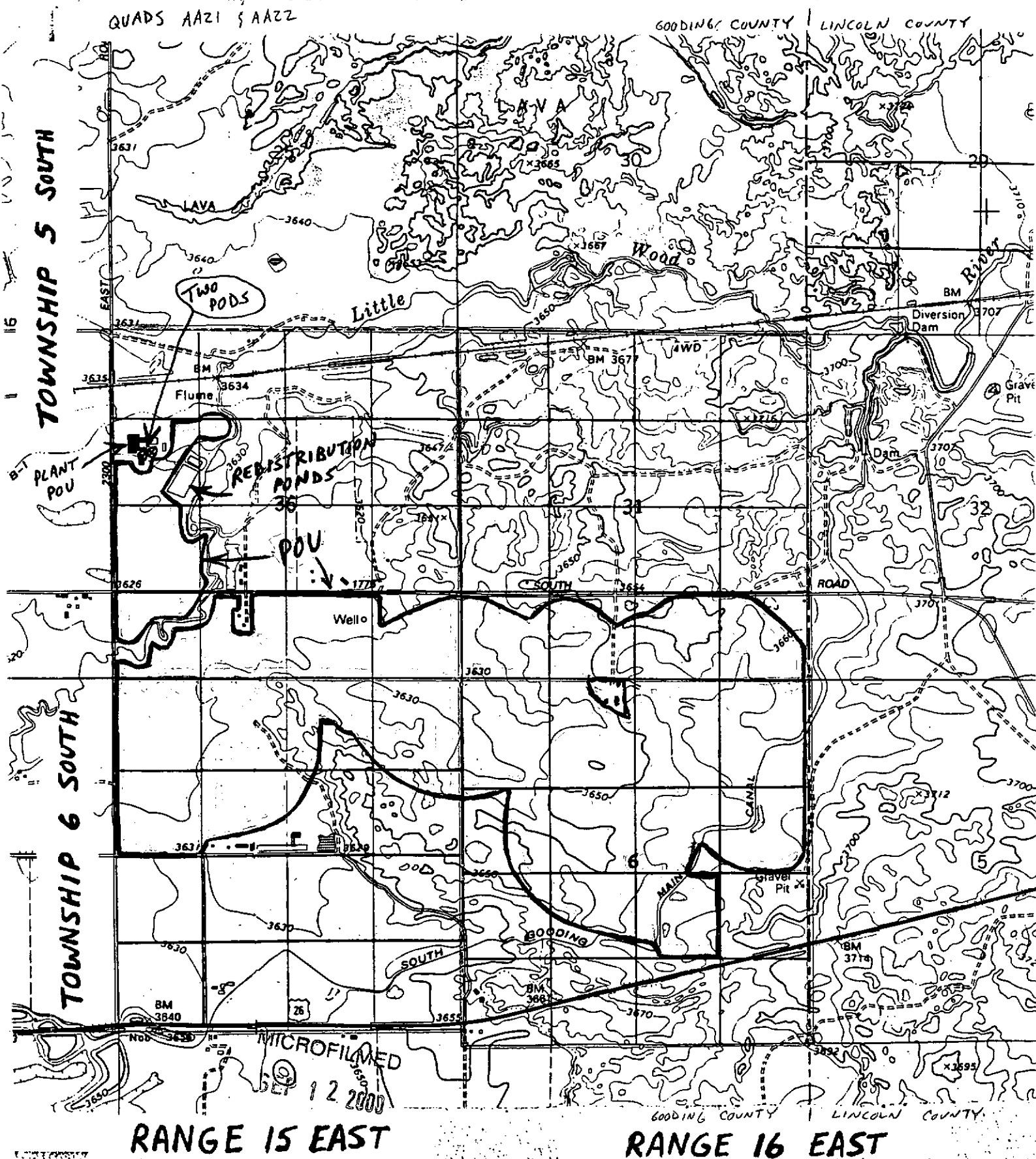
LINCOLN COUNTY

TOWNSHIP 5 SOUTH

TOWNSHIP 6 SOUTH

RANGE 15 EAST

RANGE 16 EAST



May,

Please scan this letter into  
DOCS (right 37-7051 and permit 37-8903)  
and forward letter to State Office  
for their files. Thanks.

Corey

Done



Glanbia Foods, Inc.  
1728 South 2300 East  
Gooding, ID 83330

Telephone (208) 934-8195  
Facsimile (208) 934-8294

RECEIVED

NOV 24 2003

Certified Mail # 7000 0520 0015 3072 2958

November 13, 2003

Mr. Cory Skinner,  
Idaho Department of Water Resources  
1341 Fillmore St. Ste 200  
Twin Falls, Idaho 83301-3380

RECEIVED  
NOV 19 2003  
Department of Water Resources  
Southern Region

Re: Wastewater Permissible Place of Use

Dear Mr. Skinner:

Thank you for the assistance you rendered in addressing Glanbia's question regarding the permissible place of use relative to wastewater/non-contact cooling water resulting from the use of water pumped under water rights/permit 37-07051 and 37-8903. These water rights are for commercial water utilized at Glanbia's cheese and whey products manufacturing plant in Gooding, Idaho. Glanbia is in the process of expanding to additional property for its process wastewater land application treatment system. The additional property is agriculture land that has a full water right consisting of surface water and ground water. Water rights 37-07051 and 37-8903 currently identify the existing wastewater land application treatment site as the permissible place of use. The existing land application treatment site also has a full water right.

Glanbia desires to apply its non-contact cooling water and process wastewater to the new property (Wolfe Expansion) in the very near future. My inquiry pertaining to the water rights was: Does Glanbia have to submit an application for transfer of water rights to include the "Wolfe Expansion" in the **permissible place of use** for the wastewater originating from these water right sources? This letter is to confirm our November 13, 2003, conversation and your response, after having conferred with those over you, that the application of the wastewater **does not** require an application for transfer and modified permissible place of use in order to apply the wastewater to the Wolfe expansion even though the Wolfe expansion is not included as a permissible place of use on these water rights.

The answer and explanation was that application of the wastewater/non-contact cooling water is acceptable on the "Wolfe expansion" with out changing the permissible place of use as per the **ADMINISTRATOR'S MEMORANDUM** -- Transfer Processing No. 24,

SCANNED  
NOV 20 2003

Glanbia Foods, Inc.  
A subsidiary of Glanbia plc

from Karl J. Dreher and Norman C Young, dated October 30, 2002. Under the title of "Land Application of Wastewater" on page 3 of this document, it states:

"An application for transfer is required for a proposed change in the place of use under a water right for industrial use, dairy use, or confined animal feeding operation that would allow land application of wastewater from that use or change the location of lands used for application of wastewater, except for wastewater from non-industrial uses when there is a full existing water right for irrigation of the place of use receiving wastewater. See Application Processing Memorandum No. 61 for additional information concerning wastewater from industrial uses."

Therefore, an application for transfer is **not** required for proposed change in the place of use under commercial water right uses when there is a full existing water right for irrigation of the place of use receiving its wastewater.

Accordingly, Glanbia will proceed toward applying the wastewater to the "Wolfe Expansion" without submitting an application for transfer to change the permissible place of use under water rights 37-07051 and 37-8903.

Again, I thank you for your timely response in checking into this permissible place of use issue for me and also for faxing me a copy of APPLICATION PROCESSING MEMO # 61.

If there is any misunderstanding or misrepresentation in this letter, please notify me as soon as possible.

Sincerely,

  
Rickie Del Warren  
Environmental Director

Cc: Dave Thomas  
Doug Larson  
John Lanigan  
Chuck Brockway

## IOWA DEPARTMENT OF WATER RESOURCES

STAFF ANALYSIS SHEET FOR BENEFICIAL USE FIELD EXAMS:

PERMIT NO.

27-08903

## A. Items To Be Placed In Exam File (Items A &amp; B to be Completed by Compiler)

- ☒ Blank Field Report & Notice of Completed Exam  
☒ Copy of App. for Permit, Approved Permit, Amendments, Orders, Assignments,  
Proof of Beneficial Use, SRBA Claim (Claim Filed? \_\_\_\_\_ Required? \_\_\_\_\_)  
☒ Well Inspection Form, Dairy Water-Use Worksheet (if applicable)  
☐ Well Log(s) & Groundwater Measurement Analysis Form (if applicable)  
☒ Copy of Orthophotoquad Map  
☐ 660-Scale Aerial Photo (Examiner Will Obtain If Applicable)  
☐ Government Lot Plats (If Applicable)

RECEIVED

MAR 30 2001

Department of Water Resources

## B.1. P/D Overlap - Yes or No? If Yes, Include Copy of Overlapping Rights &amp; Claims

- If Yes, Type of Overlap: ☐ Add Acres or Uses to Existing System  
☒ Increase Rate of Flow or Volume

## B.2. P/U Overlap - Yes or No? If Yes, Include Copies of Overlapping Rights &amp; Claims

- If Yes, Type of Overlap: ☐ Increase Rate of Flow or Volume  
☐ Add Supplemental Water Source  
☐ Increase Acres Within Tracts

## C. Field Exam Appointment Made:

Date 2/9/01Time 2:00Place Glabia

Contact Person &amp; Phone

Rick Warren1-208-934-8195 ext 117

## D. Post-Exam Review &amp; Processing

Exam Completed 2/16/01Notice of Completion Turned In 2/20/01Field Report Completed 3/7/01Amanda Lobom 3/7/01  
Signature of Examiner & Date

Field Report Reviewed by Sr. Agent \_\_\_\_\_ (Initial &amp; Date)

Field Report Reviewed by Region Mgr. AD 3/28/01 (Initial & Date)

Field Report Sent to S.O. \_\_\_\_\_ Region Card File Updated \_\_\_\_\_

OG NAME:G3  
START :02-16 12:00  
END :02-16 12:20  
INTERVAL:00:01:00

2/16/01 12:00

+5.475E+2 gal/m  
+TOTAL 0000018 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:10

+5.492E+2 gal/m  
+TOTAL 0005479 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:01

+5.474E+2 gal/m  
+TOTAL 0000529 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:11

+5.453E+2 gal/m  
+TOTAL 0006031 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:02

+5.470E+2 gal/m  
+TOTAL 0001077 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:12

+5.570E+2 gal/m  
+TOTAL 0006580 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:03

+5.444E+2 gal/m  
+TOTAL 0001625 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:13

+5.518E+2 gal/m  
+TOTAL 0007131 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:04

+5.463E+2 gal/m  
+TOTAL 0002173 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:14

+5.503E+2 gal/m  
+TOTAL 0007682 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:05

+5.540E+2 gal/m  
+TOTAL 0002724 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:15

+5.474E+2 gal/m  
+TOTAL 0008235 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:06

+5.542E+2 gal/m  
+TOTAL 0003277 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:16

+5.525E+2 gal/m  
+TOTAL 0008778 gal  
-TOTAL 0000000 gal  
ABNORMAL

2/16/01 12:07

+5.492E+2 gal/m  
+TOTAL 0003827 gal

2/16/01 12:17

+5.567E+2 gal/m  
+TOTAL 0009119 gal

-TOTAL 0000000 gal  
NORMAL

2/16/01 12:08

+5.496E+2 gal/m  
+TOTAL 0004377 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:09

+5.526E+2 gal/m  
+TOTAL 0004929 gal  
-TOTAL 0000000 gal  
NORMAL

-TOTAL 0000000 gal  
NORMAL

2/16/01 12:18

+5.567E+2 gal/m  
+TOTAL 0009616 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:19

+5.559E+2 gal/m  
+TOTAL 0010173 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 12:20

+5.583E+2 gal/m  
+TOTAL 0010728 gal  
-TOTAL 0000000 gal  
NORMAL

NAME:GLANBIA  
START :02-16 11:10  
END :02-16 11:20  
INTERVAL:00:01:00

2/16/01 11:10

+5.531E+0 ft/s  
+5.650E+2 gal/m  
+TOTAL 0002389 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:16

+5.535E+0 ft/s  
+5.654E+2 gal/m  
+TOTAL 0005762 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:11

+5.564E+0 ft/s  
+5.684E+2 gal/m  
+TOTAL 0002952 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:17

+5.476E+0 ft/s  
+5.594E+2 gal/m  
+TOTAL 0006324 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:12

+5.451E+0 ft/s  
+5.568E+2 gal/m  
+TOTAL 0003512 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:18

+5.531E+0 ft/s  
+5.651E+2 gal/m  
+TOTAL 0006886 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:13

+5.495E+0 ft/s  
+5.614E+2 gal/m  
+TOTAL 0004075 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:19

+5.496E+0 ft/s  
+5.614E+2 gal/m  
+TOTAL 0007448 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:14

+5.470E+0 ft/s  
+5.588E+2 gal/m  
+TOTAL 0004637 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:20

+5.514E+0 ft/s  
+5.633E+2 gal/m  
+TOTAL 0008012 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:15

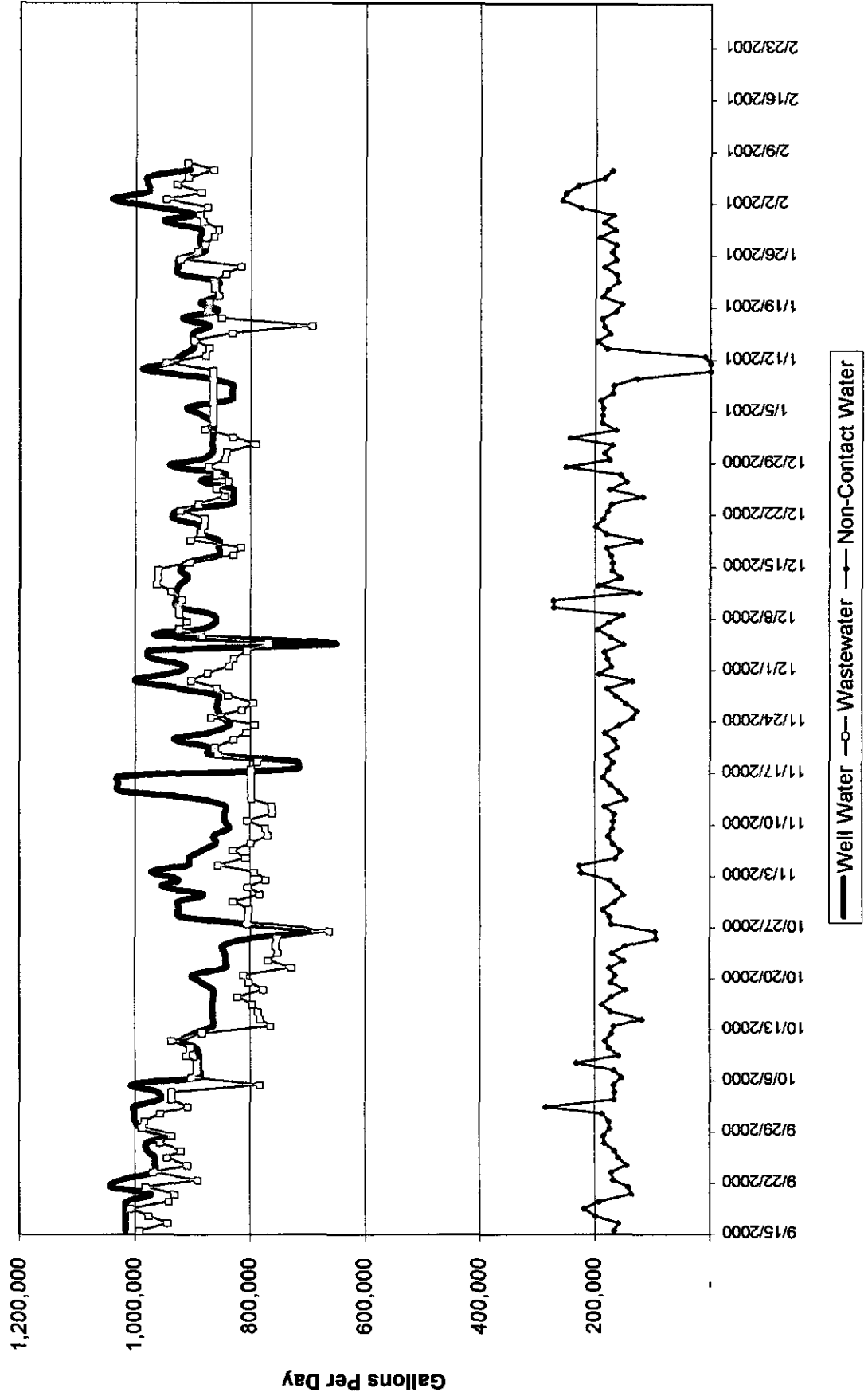
+5.592E+0 ft/s  
+5.712E+2 gal/m  
+TOTAL 0005200 gal  
-TOTAL 0000000 gal  
NORMAL

| Well Water Meter Readings |                |             |      | WWV Volume | Non Contact    | Non-Contact | Well Water less | Calculated |
|---------------------------|----------------|-------------|------|------------|----------------|-------------|-----------------|------------|
| Date                      | Meter Readings | Daily Usage | CFS  | Gallons    | Meter Readings | Daily Usage | Non-contact     | Cow Water  |
| 09/01/00                  | 2,400,557      | 924,711     | 1.43 | 950,160    | 514,284        | 176,000     | 748,757         | 201,403    |
| 09/02/00                  | 2,403,395      | 962,555     | 1.49 | 929,490    | 514,460        | 194,000     | 768,555         | 160,935    |
| 09/03/00                  | 2,406,349      | 962,555     | 1.49 | 926,303    | 514,654        | 158,000     | 804,555         | 121,748    |
| 09/04/00                  | 2,409,303      | 962,555     | 1.49 | 926,303    | 514,812        | 160,000     | 802,555         | 123,748    |
| 09/05/00                  | 2,412,257      | 961,903     | 1.49 | 926,303    | 514,972        | 183,000     | 778,903         | 147,400    |
| 09/06/00                  | 2,415,209      | 972,656     | 1.50 | 894,970    | 515,155        | 157,000     | 815,656         | 79,314     |
| 09/07/00                  | 2,418,194      | 1,047,601   | 1.62 | 1,219,770  | 515,312        | 200,000     | 847,601         | 372,169    |
| 09/08/00                  | 2,421,409      | 1,021,859   | 1.58 | 1,001,530  | 515,512        | 187,000     | 834,859         | 166,671    |
| 09/09/00                  | 2,424,545      | 978,196     | 1.51 | 949,200    | 515,699        | 177,000     | 801,196         | 148,004    |
| 09/10/00                  | 2,427,547      | 978,196     | 1.51 | 829,270    | 515,876        | 196,000     | 782,196         | 47,074     |
| 09/11/00                  | 2,430,549      | 978,196     | 1.51 | 902,260    | 516,072        | 161,000     | 817,196         | 85,064     |
| 09/12/00                  | 2,433,551      | 978,196     | 1.51 | 861,200    | 516,233        | 169,000     | 809,196         | 52,004     |
| 09/13/00                  | 2,436,553      | 967,117     | 1.50 | 843,890    | 516,402        | 188,000     | 779,117         | 64,773     |
| 09/14/00                  | 2,439,521      | 931,274     | 1.44 | 946,710    | 516,590        | 158,000     | 773,274         | 173,436    |
| 09/15/00                  | 2,442,379      | 1,016,320   | 1.57 | 991,970    | 516,748        | 167,000     | 849,320         | 142,650    |
| 09/16/00                  | 2,445,498      | 1,015,994   | 1.57 | 942,190    | 516,915        | 159,000     | 856,994         | 85,196     |
| 09/17/00                  | 2,448,616      | 1,015,994   | 1.57 | 975,680    | 517,074        | 199,000     | 816,994         | 158,686    |
| 09/18/00                  | 2,451,734      | 1,015,668   | 1.57 | 1,007,700  | 517,273        | 219,000     | 796,668         | 211,032    |
| 09/19/00                  | 2,454,851      | 1,014,039   | 1.57 | 940,410    | 517,492        | 193,000     | 821,039         | 119,371    |
| 09/20/00                  | 2,457,963      | 972,656     | 1.50 | 930,300    | 517,685        | 136,000     | 836,656         | 93,644     |
| 09/21/00                  | 2,460,948      | 1,041,410   | 1.61 | 980,890    | 517,821        | 142,000     | 899,410         | 81,480     |
| 09/22/00                  | 2,464,144      | 1,023,163   | 1.58 | 889,150    | 517,963        | 168,000     | 855,163         | 33,987     |
| 09/23/00                  | 2,467,284      | 965,162     | 1.49 | 967,940    | 518,131        | 172,000     | 793,162         | 174,778    |
| 09/24/00                  | 2,470,246      | 965,162     | 1.49 | 906,970    | 518,303        | 145,000     | 820,162         | 86,808     |
| 09/25/00                  | 2,473,208      | 965,488     | 1.49 | 943,900    | 518,448        | 159,000     | 806,488         | 137,412    |
| 09/26/00                  | 2,476,171      | 978,522     | 1.51 | 918,580    | 518,607        | 166,000     | 812,522         | 106,058    |
| 09/27/00                  | 2,479,174      | 978,522     | 1.51 | 955,490    | 518,773        | 183,000     | 795,522         | 159,968    |
| 09/28/00                  | 2,482,177      | 945,611     | 1.46 | 933,900    | 518,956        | 185,000     | 760,611         | 173,289    |
| 09/29/00                  | 2,485,079      | 987,971     | 1.53 | 986,920    | 519,141        | 174,000     | 813,971         | 172,949    |
| 09/30/00                  | 2,488,111      | 1,000,028   | 1.55 | 982,350    | 519,315        | 175,000     | 825,028         | 157,322    |
| 10/01/00                  | 2,491,180      | 1,000,028   | 1.55 | 954,100    | 519,490        | 187,000     | 813,028         | 141,072    |
| 10/02/00                  | 2,494,249      | 999,702     | 1.55 | 906,250    | 519,677        | 285,000     | 714,702         | 191,548    |
| 10/03/00                  | 2,497,317      | 956,690     | 1.48 | 936,020    | 519,962        | 167,000     | 789,690         | 146,330    |
| 10/04/00                  | 2,500,253      | 962,881     | 1.49 | 936,230    | 520,129        | 166,000     | 796,881         | 139,349    |
| 10/05/00                  | 2,503,208      | 1,005,241   | 1.55 | 782,630    | 520,295        | 168,000     | 837,241         | (54,611)   |
| 10/06/00                  | 2,506,293      | 887,936     | 1.37 | 901,070    | 520,463        | 154,000     | 733,936         | 167,134    |
| 10/07/00                  | 2,509,018      | 887,936     | 1.37 | 892,500    | 520,617        | 167,000     | 720,936         | 171,564    |
| 10/08/00                  | 2,511,743      | 887,936     | 1.37 | 891,950    | 520,784        | 233,000     | 654,936         | 237,014    |
| 10/09/00                  | 2,514,468      | 888,262     | 1.37 | 910,900    | 521,017        | 159,000     | 729,262         | 181,638    |
| 10/10/00                  | 2,517,194      | 893,801     | 1.38 | 903,890    | 521,176        | 175,000     | 718,801         | 185,089    |
| 10/11/00                  | 2,519,937      | 918,240     | 1.42 | 937,040    | 521,351        | 182,000     | 736,240         | 200,800    |
| 10/12/00                  | 2,522,755      | 897,060     | 1.39 | 882,370    | 521,533        | 172,000     | 725,060         | 157,310    |
| 10/13/00                  | 2,525,508      | 864,801     | 1.34 | 763,630    | 521,705        | 167,000     | 697,801         | 65,829     |
| 10/14/00                  | 2,528,162      | 864,801     | 1.34 | 782,060    | 521,872        | 118,000     | 746,801         | 35,259     |
| 10/15/00                  | 2,530,816      | 864,801     | 1.34 | 785,080    | 521,990        | 173,000     | 691,801         | 93,279     |
| 10/16/00                  | 2,533,470      | 864,801     | 1.34 | 795,190    | 522,163        | 188,000     | 676,801         | 118,389    |
| 10/17/00                  | 2,536,124      | 864,149     | 1.34 | 820,920    | 522,351        | 172,000     | 692,149         | 128,771    |
| 10/18/00                  | 2,538,776      | 864,149     | 1.34 | 775,370    | 522,523        | 147,000     | 717,149         | 58,221     |
| 10/19/00                  | 2,541,428      | 885,329     | 1.37 | 801,420    | 522,670        | 173,000     | 712,329         | 89,091     |
| 10/20/00                  | 2,544,145      | 899,340     | 1.39 | 810,530    | 522,843        | 165,000     | 734,340         | 76,190     |
| 10/21/00                  | 2,546,905      | 842,643     | 1.30 | 726,890    | 523,008        | 174,000     | 668,643         | 58,247     |
| 10/22/00                  | 2,549,491      | 842,643     | 1.30 | 767,270    | 523,182        | 149,000     | 693,643         | 73,627     |
| 10/23/00                  | 2,552,077      | 842,969     | 1.30 | 750,610    | 523,331        | 170,000     | 672,969         | 77,641     |
| 10/24/00                  | 2,554,664      | 847,205     | 1.31 | 754,000    | 523,501        | 147,000     | 700,205         | 53,795     |
| 10/25/00                  | 2,557,264      | 801,912     | 1.24 | 752,430    | 523,648        | 93,000      | 708,912         | 43,518     |
| 10/26/00                  | 2,559,725      | 697,966     | 1.08 | 662,140    | 523,741        | 96,000      | 601,966         | 60,174     |
| 10/27/00                  | 2,561,867      | 812,013     | 1.26 | 805,470    | 523,837        | 173,000     | 639,013         | 166,457    |
| 10/28/00                  | 2,564,359      | 924,431     | 1.43 | 803,210    | 524,010        | 175,000     | 749,431         | 53,779     |
| 10/29/00                  | 2,567,196      | 924,431     | 1.43 | 801,450    | 524,185        | 187,000     | 737,431         | 64,019     |
| 10/30/00                  | 2,570,033      | 924,431     | 1.43 | 830,180    | 524,372        | 166,000     | 758,431         | 71,749     |
| 10/31/00                  | 2,572,870      | 881,419     | 1.36 | 783,100    | 524,538        | 151,000     | 730,419         | 52,681     |
| 11/01/00                  | 2,575,575      | 952,454     | 1.47 | 804,460    | 524,689        | 162,000     | 790,454         | 14,006     |
| 11/02/00                  | 2,578,498      | 925,082     | 1.43 | 772,420    | 524,851        | 174,000     | 751,082         | 21,338     |
| 11/03/00                  | 2,581,337      | 971,353     | 1.50 | 792,800    | 525,025        | 224,000     | 747,353         | 45,447     |

| Well Water Meter Reading |                |                 |      | WW Volume | Non Contact    | Non-Contact | Well Water less | Calculated |
|--------------------------|----------------|-----------------|------|-----------|----------------|-------------|-----------------|------------|
| Date                     | Meter Readings | Daily Usage GPD | CFS  | Gallons   | Meter Readings | Daily Usage | Non-contact     | Cow Water  |
| 11/04/00                 | 2,584,318      | 907,161         | 1.40 | 855930    | 525,249        | 228,000     | 679,161         | 176,769    |
| 11/05/00                 | 2,587,102      | 906,835         | 1.40 | 807850    | 525,477        | 165,000     | 741,835         | 66,015     |
| 11/06/00                 | 2,589,885      | 882,722         | 1.37 | 830190    | 525,642        | 156,000     | 726,722         | 103,468    |
| 11/07/00                 | 2,592,594      | 858,935         | 1.33 | 798280    | 525,798        | 169,000     | 689,935         | 108,345    |
| 11/08/00                 | 2,595,230      | 862,520         | 1.33 | 768676    | 525,967        | 177,000     | 685,520         | 83,156     |
| 11/09/00                 | 2,597,877      | 836,778         | 1.29 | 773390    | 526,144        | 170,000     | 666,778         | 106,612    |
| 11/10/00                 | 2,600,445      | 843,946         | 1.31 | 804970    | 526,314        | 168,000     | 675,946         | 129,024    |
| 11/11/00                 | 2,603,035      | 843,946         | 1.31 | 760310    | 526,482        | 166,000     | 677,946         | 82,364     |
| 11/12/00                 | 2,605,625      | 843,620         | 1.30 | 761560    | 526,648        | 183,000     | 660,620         | 100,940    |
| 11/13/00                 | 2,608,214      | 893,475         | 1.38 | 797046    | 526,831        | 146,000     | 747,475         | 49,571     |
| 11/14/00                 | 2,610,956      | 1,028,376       | 1.59 | 797046    | 526,977        | 158,000     | 870,376         | (73,330)   |
| 11/15/00                 | 2,614,112      | 1,028,376       | 1.59 | 797046    | 527,135        | 173,000     | 855,376         | (58,330)   |
| 11/16/00                 | 2,617,268      | 1,028,376       | 1.59 | 797046    | 527,308        | 186,000     | 842,376         | (45,330)   |
| 11/17/00                 | 2,620,424      | 717,517         | 1.11 | 797046    | 527,494        | 177,000     | 540,517         | 256,529    |
| 11/18/00                 | 2,622,626      | 717,191         | 1.11 | 786400    | 527,671        | 168,000     | 549,191         | 237,209    |
| 11/19/00                 | 2,624,827      | 872,621         | 1.35 | 855880    | 527,839        | 181,000     | 691,621         | 164,259    |
| 11/20/00                 | 2,627,505      | 872,621         | 1.35 | 861470    | 528,020        | 162,000     | 710,621         | 150,849    |
| 11/21/00                 | 2,630,183      | 932,903         | 1.44 | 828788    | 528,182        | 166,000     | 766,903         | 61,885     |
| 11/22/00                 | 2,633,046      | 868,711         | 1.34 | 806600    | 528,348        | 183,000     | 685,711         | 120,889    |
| 11/23/00                 | 2,635,712      | 836,126         | 1.29 | 791200    | 528,531        | 158,000     | 678,126         | 113,074    |
| 11/24/00                 | 2,638,278      | 849,486         | 1.31 | 868330    | 528,689        | 135,000     | 714,486         | 153,844    |
| 11/25/00                 | 2,640,885      | 857,306         | 1.33 | 814350    | 528,824        | 127,000     | 730,306         | 84,044     |
| 11/26/00                 | 2,643,516      | 857,306         | 1.33 | 794310    | 528,951        | 147,000     | 710,306         | 84,004     |
| 11/27/00                 | 2,646,147      | 856,980         | 1.33 | 837,810   | 529,098        | 164,000     | 692,980         | 144,830    |
| 11/28/00                 | 2,648,777      | 931,925         | 1.44 | 857490    | 529,262        | 179,000     | 752,925         | 104,565    |
| 11/29/00                 | 2,651,637      | 1,000,679       | 1.55 | 902600    | 529,441        | 135,000     | 865,679         | 36,921     |
| 11/30/00                 | 2,654,708      | 932,251         | 1.44 | 873810    | 529,576        | 193,000     | 739,251         | 134,559    |
| 12/01/00                 | 2,657,569      | 913,352         | 1.41 | 835,830   | 529,769        | 172,000     | 741,352         | 94,478     |
| 12/02/00                 | 2,660,372      | 975,915         | 1.51 | 827,890   | 529,941        | 178,000     | 797,915         | 29,975     |
| 12/03/00                 | 2,663,367      | 975,915         | 1.51 | 804,800   | 530,119        | 183,000     | 792,915         | 11,885     |
| 12/04/00                 | 2,666,362      | 649,741         | 1.00 | 768,038   | 530,302        | 150,000     | 499,741         | 268,297    |
| 12/05/00                 | 2,668,356      | 957,993         | 1.48 | 883,500   | 530,452        | 173,000     | 784,993         | 98,507     |
| 12/06/00                 | 2,671,296      | 881,745         | 1.36 | 922,140   | 530,625        | 196,000     | 685,745         | 236,395    |
| 12/07/00                 | 2,674,002      | 858,609         | 1.33 | 909,130   | 530,821        | 175,000     | 683,609         | 225,521    |
| 12/08/00                 | 2,676,637      | 866,756         | 1.34 | 922,480   | 530,996        | 151,000     | 715,756         | 206,724    |
| 12/09/00                 | 2,679,297      | 927,689         | 1.43 | 923,090   | 531,147        | 271,000     | 656,689         | 266,401    |
| 12/10/00                 | 2,682,144      | 927,689         | 1.43 | 917,030   | 531,418        | 272,000     | 655,689         | 261,341    |
| 12/11/00                 | 2,684,991      | 928,015         | 1.44 | 936,700   | 531,690        | 123,000     | 805,015         | 131,685    |
| 12/12/00                 | 2,687,839      | 923,127         | 1.43 | 962,520   | 531,813        | 195,000     | 728,127         | 234,393    |
| 12/13/00                 | 2,690,672      | 909,116         | 1.41 | 960,090   | 532,008        | 156,000     | 753,116         | 206,974    |
| 12/14/00                 | 2,693,462      | 922,476         | 1.43 | 960,090   | 532,164        | 171,000     | 751,476         | 208,614    |
| 12/15/00                 | 2,696,293      | 908,138         | 1.40 | 904,540   | 532,335        | 170,000     | 738,138         | 166,402    |
| 12/16/00                 | 2,699,080      | 855,677         | 1.32 | 828,870   | 532,505        | 173,000     | 682,677         | 146,193    |
| 12/17/00                 | 2,701,706      | 856,003         | 1.32 | 815,300   | 532,678        | 181,000     | 675,003         | 140,297    |
| 12/18/00                 | 2,704,333      | 855,677         | 1.32 | 903,860   | 532,859        | 121,000     | 734,677         | 169,183    |
| 12/19/00                 | 2,706,959      | 888,913         | 1.37 | 884,950   | 532,980        | 181,000     | 707,913         | 177,037    |
| 12/20/00                 | 2,709,687      | 888,587         | 1.37 | 879,400   | 533,161        | 199,000     | 689,587         | 189,813    |
| 12/21/00                 | 2,712,414      | 935,835         | 1.45 | 878,700   | 533,360        | 187,000     | 748,835         | 129,865    |
| 12/22/00                 | 2,715,286      | 924,105         | 1.43 | 921,370   | 533,547        | 179,000     | 745,105         | 176,265    |
| 12/23/00                 | 2,718,122      | 831,564         | 1.29 | 889,930   | 533,726        | 172,000     | 659,564         | 230,366    |
| 12/24/00                 | 2,720,674      | 831,238         | 1.29 | 844,460   | 533,898        | 117,000     | 714,238         | 130,222    |
| 12/25/00                 | 2,723,225      | 831,564         | 1.29 | 858,360   | 534,015        | 174,000     | 657,564         | 200,796    |
| 12/26/00                 | 2,725,777      | 885,981         | 1.37 | 837,170   | 534,189        | 145,000     | 740,981         | 96,189     |
| 12/27/00                 | 2,728,496      | 843,620         | 1.30 | 856,460   | 534,334        | 156,000     | 687,620         | 168,840    |
| 12/28/00                 | 2,731,085      | 939,420         | 1.45 | 871,530   | 534,490        | 251,000     | 688,420         | 183,110    |
| 12/29/00                 | 2,733,968      | 883,700         | 1.37 | 843,560   | 534,741        | 174,000     | 709,700         | 133,860    |
| 12/30/00                 | 2,736,680      | 865,387         | 1.34 | 840,480   | 534,915        | 183,000     | 682,387         | 158,093    |
| 12/31/00                 | 2,739,336      | 865,387         | 1.34 | 789,310   | 535,098        | 170,000     | 695,387         | 93,923     |
| 01/01/01                 | 2,741,992      | 865,387         | 1.34 | 830,940   | 535,268        | 245,000     | 620,387         | 210,553    |
| 01/02/01                 | 2,744,647      | 865,387         | 1.34 | 879,540   | 535,513        | 165,000     | 700,387         | 179,153    |
| 01/03/01                 | 2,747,303      | 865,387         | 1.34 | 864,760   | 535,678        | 189,000     | 676,387         | 188,373    |
| 01/04/01                 | 2,749,959      | 888,262         | 1.37 | 864,760   | 535,867        | 188,000     | 700,262         | 164,498    |
| 01/05/01                 | 2,752,685      | 908,790         | 1.41 | 864,760   | 536,055        | 187,000     | 721,790         | 142,970    |

| Well Water Meter Reading |                |                 |      | WW Volume | Non Contact    | Non-Contact | Well Water less | Calculated |
|--------------------------|----------------|-----------------|------|-----------|----------------|-------------|-----------------|------------|
| Date                     | Meter Readings | Daily Usage GPD | CFS  | Gallons   | Meter Readings | Daily Usage | Non-contact     | Cow Water  |
| 01/06/01                 | 2,755,474      | 833,193         | 1.29 | 864,760   | 536,242        | 191,000     | 642,193         | 222,567    |
| 01/07/01                 | 2,758,031      | 833,193         | 1.29 | 864,760   | 536,433        | 170,000     | 663,193         | 201,567    |
| 01/08/01                 | 2,760,588      | 832,867         | 1.29 | 864,760   | 536,603        | 168,000     | 664,867         | 199,893    |
| 01/09/01                 | 2,763,144      | 883,048         | 1.37 | 864,760   | 536,771        | 127,000     | 756,048         | 108,712    |
| 01/10/01                 | 2,765,854      | 986,342         | 1.53 | 864,760   | 536,898        | -           | 986,342         | (121,582)  |
| 01/11/01                 | 2,768,881      | 936,161         | 1.45 | 946,500   | 536,898        | -           | 936,161         | 10,339     |
| 01/12/01                 | 2,771,754      | 920,846         | 1.42 | 877,040   | 536,898        | 10,000      | 910,846         | (33,806)   |
| 01/13/01                 | 2,774,580      | 899,340         | 1.39 | 870,805   | 536,908        | 180,000     | 719,340         | 151,465    |
| 01/14/01                 | 2,777,340      | 899,340         | 1.39 | 897,270   | 537,088        | 197,000     | 702,340         | 194,930    |
| 01/15/01                 | 2,780,100      | 899,015         | 1.39 | 831,220   | 537,285        | 174,000     | 725,015         | 106,205    |
| 01/16/01                 | 2,782,859      | 871,969         | 1.35 | 692,310   | 537,459        | 184,000     | 687,969         | 4,341      |
| 01/17/01                 | 2,785,535      | 917,588         | 1.42 | 849,455   | 537,643        | 189,000     | 728,588         | 120,867    |
| 01/18/01                 | 2,788,351      | 857,306         | 1.33 | 874,670   | 537,832        | 165,000     | 692,306         | 182,364    |
| 01/19/01                 | 2,790,982      | 887,284         | 1.37 | 870,990   | 537,997        | 154,000     | 733,284         | 137,706    |
| 01/20/01                 | 2,793,705      | 858,935         | 1.33 | 854,900   | 538,151        | 188,000     | 670,935         | 183,965    |
| 01/21/01                 | 2,796,341      | 858,935         | 1.33 | 862,670   | 538,339        | 179,000     | 679,935         | 182,735    |
| 01/22/01                 | 2,798,977      | 858,609         | 1.33 | 863,910   | 538,518        | 162,000     | 696,609         | 167,301    |
| 01/23/01                 | 2,801,612      | 926,712         | 1.43 | 843,300   | 538,680        | 164,000     | 762,712         | 80,588     |
| 01/24/01                 | 2,804,456      | 926,712         | 1.43 | 815,900   | 538,844        | 185,000     | 741,712         | 74,188     |
| 01/25/01                 | 2,807,300      | 925,408         | 1.43 | 921,850   | 539,029        | 165,000     | 760,408         | 161,442    |
| 01/26/01                 | 2,810,140      | 881,093         | 1.36 | 892,210   | 539,194        | 172,000     | 709,093         | 183,117    |
| 01/27/01                 | 2,812,844      | 888,262         | 1.37 | 878,710   | 539,366        | 165,000     | 723,262         | 155,448    |
| 01/28/01                 | 2,815,570      | 888,262         | 1.37 | 862,800   | 539,531        | 193,000     | 695,262         | 167,538    |
| 01/29/01                 | 2,818,296      | 888,262         | 1.37 | 854,910   | 539,724        | 166,000     | 722,262         | 132,648    |
| 01/30/01                 | 2,821,022      | 950,824         | 1.47 | 882,220   | 539,890        | 185,000     | 765,824         | 116,396    |
| 01/31/01                 | 2,823,940      | 900,318         | 1.39 | 887,380   | 540,075        | 170,000     | 730,318         | 157,062    |
| 02/01/01                 | 2,826,703      | 972,005         | 1.50 | 874,620   | 540,245        | 226,000     | 746,005         | 128,615    |
| 02/02/01                 | 2,829,686      | 1,040,107       | 1.61 | 946,590   | 540,471        | 258,000     | 782,107         | 164,483    |
| 02/03/01                 | 2,832,878      | 978,847         | 1.51 | 885,370   | 540,729        | 252,000     | 726,847         | 158,523    |
| 02/04/01                 | 2,835,882      | 978,847         | 1.51 | 927,690   | 540,981        | 230,000     | 748,847         | 178,843    |
| 02/05/01                 | 2,838,886      | 978,522         | 1.51 | 907,490   | 541,211        | 185,000     | 793,522         | 113,968    |
| 02/06/01                 | 2,841,889      | 905,206         | 1.40 | 863,000   | 541,396        | 171,000     | 734,206         | 128,794    |
| 02/07/01                 | 2,844,667      |                 |      | 908,820   | 541,567        |             |                 | 908,820    |
| 02/08/01                 |                |                 |      |           |                |             |                 |            |
| 02/09/01                 |                |                 |      |           |                |             |                 |            |
| 02/10/01                 |                |                 |      |           |                |             |                 |            |
| 02/11/01                 |                |                 |      |           |                |             |                 |            |
| 02/12/01                 |                |                 |      |           |                |             |                 |            |
| 02/13/01                 |                |                 |      |           |                |             |                 |            |
| 02/14/01                 |                |                 |      |           |                |             |                 |            |
| 02/15/01                 |                |                 |      |           |                |             |                 |            |
| 02/16/01                 |                |                 |      |           |                |             |                 |            |
| 02/17/01                 |                |                 |      |           |                |             |                 |            |
| 02/18/01                 |                |                 |      |           |                |             |                 |            |
| 02/19/01                 |                |                 |      |           |                |             |                 |            |
| 02/20/01                 |                |                 |      |           |                |             |                 |            |
| 02/21/01                 |                |                 |      |           |                |             |                 |            |
| 02/22/01                 |                |                 |      |           |                |             |                 |            |
| 02/23/01                 |                |                 |      |           |                |             |                 |            |
| 02/24/01                 |                |                 |      |           |                |             |                 |            |
| 02/25/01                 |                |                 |      |           |                |             |                 |            |
| 02/26/01                 |                |                 |      |           |                |             |                 |            |
| 02/27/01                 |                |                 |      |           |                |             |                 |            |
| 02/28/01                 |                |                 |      |           |                |             |                 |            |

# Gooding Water Usage





ORDER NO.

DATE 7-31-19 8c

|      |        |            |   |
|------|--------|------------|---|
| Date | 2-2-01 | # of Pages | 5 |
|------|--------|------------|---|

**CUSTOMER**

|                       |                             |
|-----------------------|-----------------------------|
| To <u>BUK HARRIS</u>  | From <u>HELE GRAYES</u>     |
| Dept <u>CLANBOLD</u>  | Co. <u>LINCOLN TOWNSHIP</u> |
| Phone #               | Phone #                     |
| Fax # <u>934-9442</u> | Fax # <u>208-423-5137</u>   |

Resonance West  
Breeding Plant  
Rump Swede Bldg

### PUMPING CONDITIONS

Life in Well..... 140'

Capacity 450/370 GPM

lift Above. 90/100 lbs. 20.5/23.1

Speed of Pump 1760 RPM

Column Friction... 715'

HP Required 56

Total Dynam. Head 3.55 / 376

Allowable Shaft HP, \_\_\_\_\_

| Number | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LIST PRICE | NET PRICE |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| 1      | 50 HP MOTOR 3 Phase 460 Volt 115 W/ARR Make 1800 RPM<br><div style="margin-left: 20px;"> With {<br/> Without { Ratchet _____<br/> <hr/> HP STARTER { Across Line { _____ Volt _____ Make _____<br/> Auto Start {<br/> AMP SAFETY SWITCH _____ Volt _____ Phase _____ Make _____<br/> GEAR DRIVE _____ Ratio { With {<br/> Without { Ratchet _____ Make _____<br/> WL SPICER SHAFT _____ " Long _____<br/> W DRIVE FLANGE _____ Bore _____ Key _____<br/> W ENGINE FLANGE _____ Bore _____ Key _____<br/> HEAD _____ " Outlet { Water Lub {<br/> Oil Lub {<br/> OILER _____ Volt Solenoid _____<br/> "X" DISCHARGE NIPPLE { TOE {<br/> TBE {<br/> SETTING OF "X" _____ "X" _____ in _____ Length _____<br/> "BOWLS _____ Type _____ Stage { Open { Ports { Bronze { Wear Rings {<br/> Close { Cast Iron {<br/> { Bronze { Impellers { Oversize { Shaft Fitted _____ X _____ X _____<br/> Cast Iron { Standard {<br/> "X" SUCTION { TOE { _____ Couplings {<br/> TBE {<br/> " STRAINER { Bronze { Screwed { } Basket {<br/> Galvanized { Welded { } Cone {<br/> TOTAL</div> |            |           |

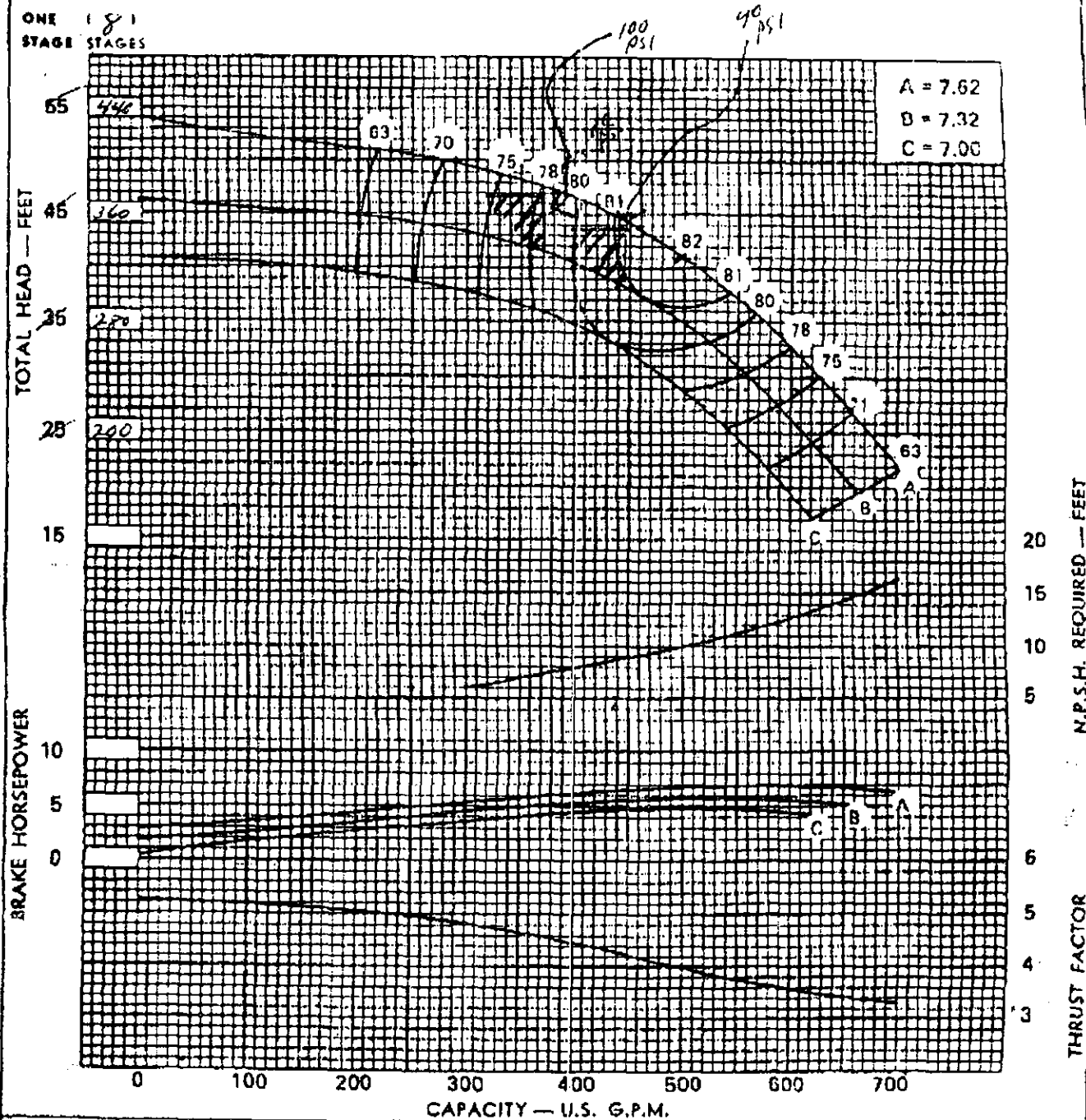
Quoted By \_\_\_\_\_



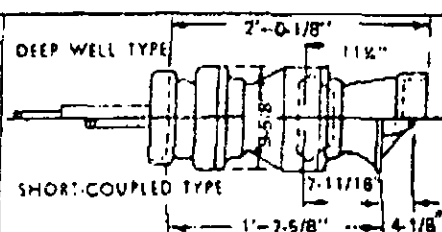
*flump Inside Ndg*

(2)

| CURVE NO.<br>18-071<br>6-1-77 | No. Stages | Eff. Change | MATERIAL     | Eff. Change | 10 RKHC                                                                                                                                                                                                       | 1760 R.P.M. |
|-------------------------------|------------|-------------|--------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|                               | 1          | -3          | IMP---C.I.   | -2          | SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL. |             |
|                               | 2          | -2          | IMP---NI-BI  | -1          |                                                                                                                                                                                                               |             |
|                               | 3          | -1          | BOWL---BRZ   | -1          |                                                                                                                                                                                                               |             |
|                               | 4          | 0           | BOWL---NI-BI | -1          |                                                                                                                                                                                                               |             |



|                       |                 |                                   |                 |
|-----------------------|-----------------|-----------------------------------|-----------------|
| FLY AREA — SQ. IN.    | = 11.63         | IMPELLER WT. — LBS.               | = 9.8           |
| WT. PER IMPELLER      | = 0.432 LB.-FT. | ONE STAGE WT. — LBS.              | = 185           |
| MAX. SPHERE SIZE      | 0.625 in.       | ADD'L STAGE WT. — LBS.            | 67              |
| MAX. NO. STD. STAGES  | 29              | IMPELLER NUMBER                   | 51K171          |
| MAX. OPERATING P.S.I. | 700             | DISCH. SIZES                      | 6, 8            |
| STD. LATERAL          | 0.86 in.        | SUCTION SIZES                     | 6               |
| STD. SHAFT DIA.       | 1.500 in.       | MAX. LATERAL                      | — in.           |
| MAX. SHAFT DIA.       | 1.687 in.       | BOWL CONN.                        | THREADED-COLLET |
| MIN. SUBMERGENCE      | 18 in.          | ADD 7.7/18" PER ADDITIONAL STAGE. |                 |





LAYNE PUMPS

Box 640, Twin Falls, Idaho 83301  
Phone No. 733-3284

ORDER NO \_\_\_\_\_

DEALER \_\_\_\_\_

PUMP ESTIMATE  
AND ORDER

CUSTOMER \_\_\_\_\_

DATE 7-31-95

Route \_\_\_\_\_ Date Desired \_\_\_\_\_

*Plummer Well*  
*Boody Plant*  
*Pump Inside Bldg*

## PUMPING CONDITIONS

Inside Dia. of Well \_\_\_\_\_ Lift in Well 140' Capacity 450/370 GPM  
Depth of Well \_\_\_\_\_ Lift Above 90/100 Lbs. 208/231 Speed of Pump 1760 RPM  
Static Water Level \_\_\_\_\_ Column Friction 7' / 5' HP Required 56  
Drawdown \_\_\_\_\_ Total Dynm. Head 355' / 376 Allowable Shaft HP \_\_\_\_\_

| Number | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LIST PRICE | NET PRICE |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| 1      | <u>50</u> HP MOTOR 3 Phase <u>460</u> Volt <u>LLS</u> <u>4</u> NRE Make <u>1800</u> RPM<br>{ With } Ratchet<br>{ Without }<br>HP STARTER { Across Line } _____ Volt _____ Make<br>{ Auto Start }<br>AMP SAFETY SWITCH _____ Volt _____ Phase _____ Make<br>GEAR DRIVE _____ Ratio { With } Ratchet _____ Make<br>{ Without }<br>W1 SPICER SHAFT _____ " Long _____<br>W DRIVE FLANGE _____ Bore _____ Key _____<br>W ENGINE FLANGE _____ Bore _____ Key _____<br>HEAD _____ " Outlet { Water Tub }<br>{ Oil Tub }<br>OILER _____ Volt Solenoid _____<br>"X" "DISCHARGE NIPPLE { TOE }<br>{ IBE }<br>SETTING OF "X" _____ "X" _____ " in _____ " Length<br>"BOWLS" _____ Type _____ Stage { Open } { Ports } { Bronze }<br>{ Close }           { Cast Iron } { Wear Rings }<br>{ Bronze } Impellers { Oversize } Shaft Fitted _____ X _____ X _____<br>{ Cast Iron }           { Standard }<br>"X" SUCTION { TOE }<br>{ TBE } _____ Couplings<br>" STRAINER { Bronze } { Screwed } { Basket }<br>{ Galvanized } { Welded } { Cone } |            |           |

Post-It Fax Note 7671  
To: Mr. L. B. BROWN  
From: Steve (Layne)  
Cu. 134 NRE PUMPS  
Phone # \_\_\_\_\_  
Fax # 984-4442  
Fax # 984-4442  
Fax # 984-4442

Quoted By \_\_\_\_\_

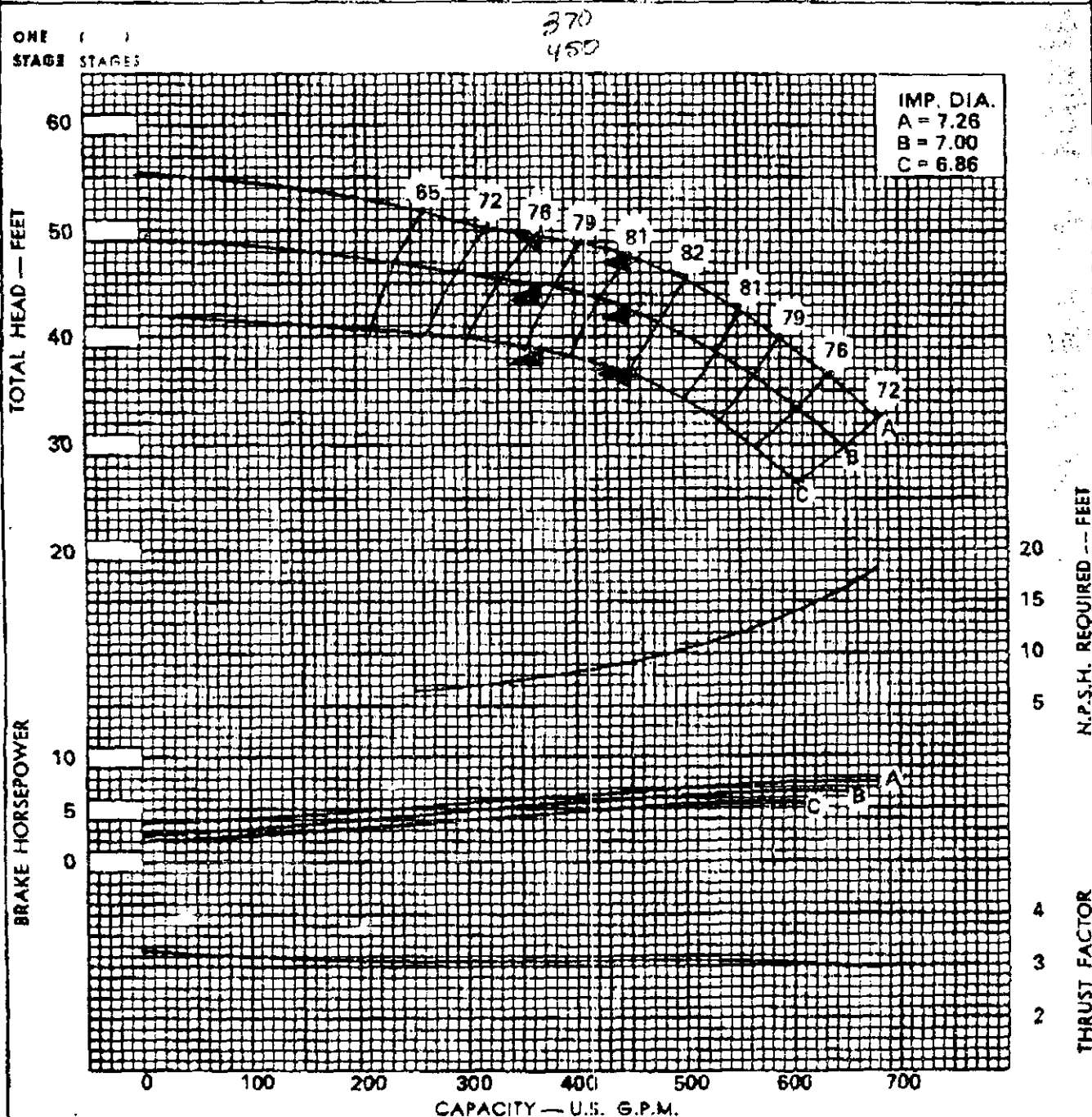
TF-127

Feb-09-01 03:07P Layne Pumps

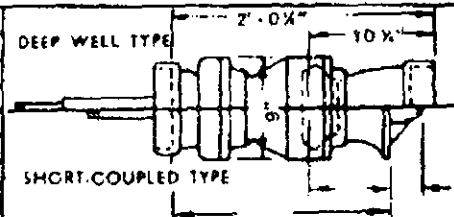
Outside Man Bldg

4

| CURVE NO.<br>18-077<br>3-15-84 | No. Stages | Eff. Change | MATERIAL   | Eff. Change | 9BEH                                                                                                                                                                                                          | 1750 R.P.M. |
|--------------------------------|------------|-------------|------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|                                | 1          | -4          | IMP.—C.I.  | -2          | SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL. |             |
|                                | 2          | -3          | IMP.—NI-R  | -1          |                                                                                                                                                                                                               |             |
|                                | 3          | -2          | BOWL—BRZ.  | -2          |                                                                                                                                                                                                               |             |
|                                | 4          | 0           | BOWL—NI-R. | -1          |                                                                                                                                                                                                               |             |



|                                                          |                               |
|----------------------------------------------------------|-------------------------------|
| EYE AREA — SQ. IN. = 9.57                                | IMPELLER WT. — LBS. = 9       |
| WR <sup>2</sup> PER IMPELLER = 0.30 LB.-FT. <sup>2</sup> | ONE STAGE WT. — LBS. = 135    |
| MAX. SPHERE SIZE = 0.80 in.                              | ADD'L STAGE WT. — LBS. = 53   |
| MAX. NO. STD. STAGES = 18                                | IMPELLER NUMBER = 45819       |
| MAX. OPERATING P.S.I. = 370                              | DISCH. SIZES = 6              |
| STD. LATERAL = 0.50 in.                                  | SUCTION SIZES = 6             |
| STD. SHAFT DIA. = 1.500 in.                              | MAX. LATERAL = — in.          |
| MAX. SHAFT DIA. = 1.687 in.                              | BOWL CONN. FLANGED COLLET     |
| MIN. SUBMERGENCE = 22                                    | ADD 8 " PER ADDITIONAL STAGE. |

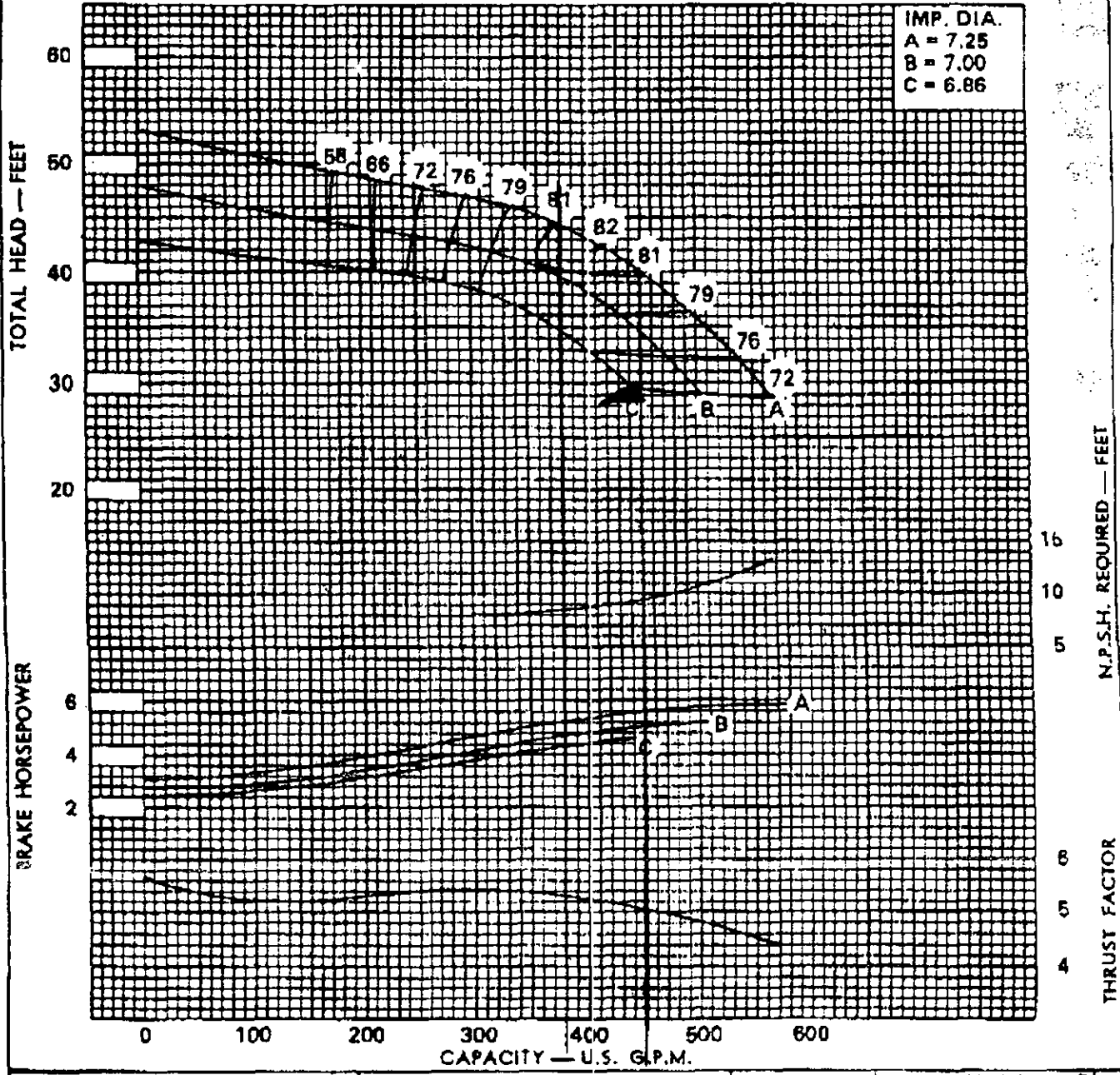


*Outside Main Body*

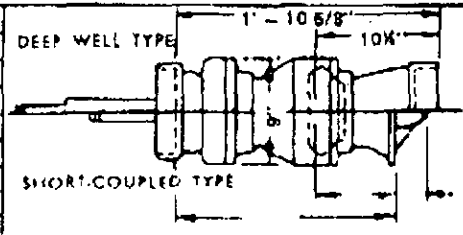
|                                |            |             |           |             |                                                                                                                                                                                                               |      |        |
|--------------------------------|------------|-------------|-----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|
| CURVE NO.<br>1B-089<br>24 E 94 | No. Stages | Eff. Change | MATERIAL  | Eff. Change | 9BM                                                                                                                                                                                                           | 1780 | R.P.M. |
|                                | 1          | -4          | IMP—C.I.  | -2          | SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL. |      |        |
|                                | 2          | -3          | IMP—NI-RI | -1          |                                                                                                                                                                                                               |      |        |
|                                | 3          | -2          | BOWL—BRZ  | -2          |                                                                                                                                                                                                               |      |        |
|                                | 4          | 0           | BOWL—NI-R | -1          |                                                                                                                                                                                                               |      |        |

ONE STAGE STAGES

8.579 98 EHM 430 @ 90 PSI



|                                 |                                  |
|---------------------------------|----------------------------------|
| EYE AREA — SQ. IN. = 9.57       | IMPELLER WT.-LBS. = 9            |
| WT. PER IMPELLER = 0.30 LB.-FT. | ONE STAGE WT.-LBS. = 135         |
| MAX. SPHERE SIZE = 0.50 in.     | ADD'L STAGE WT.-LBS. = 63        |
| MAX. NO. STD. STAGES = 18       | IMPELLER NUMBER = 46B16          |
| MAX. OPERATING P.S.I. = 320     | DISCH. SIZES = 6                 |
| STD. LATERAL = 0.50 in.         | SUCTION SIZES = 6                |
| STD. SHAFT DIA. = 1.600 in.     | MAX. LATERAL = — in.             |
| MAX. SHAFT DIA. = 1.687 in.     | BOWL CONN. FLANGED COLLET        |
| MIN. SUBMERGENCE = 22 in.       | ADD 8.00 " PER ADDITIONAL STAGE. |



STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
BENEFICIAL USE FIELD REPORT

RECEIVED  
MAR 30 2001  
DEPARTMENT OF WATER RESOURCES

A. GENERAL INFORMATION

Permit No. 37-08903

1. Owner: Glanbia Foods Inc c/o Rick Warren Phone No. 1-208-934-8195

Current Address: 1728 S 2300 E Gooding ID 83330

2. Accompanied by: Rick Warren EXAM DATE: Feb 16, 2001

Address: Same Phone No. Same

Relationship to Permit Holder: Employee

3. Source: Groundwater tributary to \_\_\_\_\_

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 37-2043B; -177N; -374B; -7051  
37-726D; -7380A; -7380C; -7576

2. Other water rights with the same point of diversion: 37-7051

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

| Ident No. | Gov't Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County  | Method of Determination/Remarks |
|-----------|-----------|-----|-----|-----|------|------|------|---------|---------------------------------|
|           |           | NW  | SW  | NW  | 36   | 05S  | 15E  | Gooding | GPS TAG# A0007501               |
|           |           |     |     |     |      |      |      |         | A0007502                        |
|           |           |     |     |     |      |      |      |         |                                 |
|           |           |     |     |     |      |      |      |         |                                 |

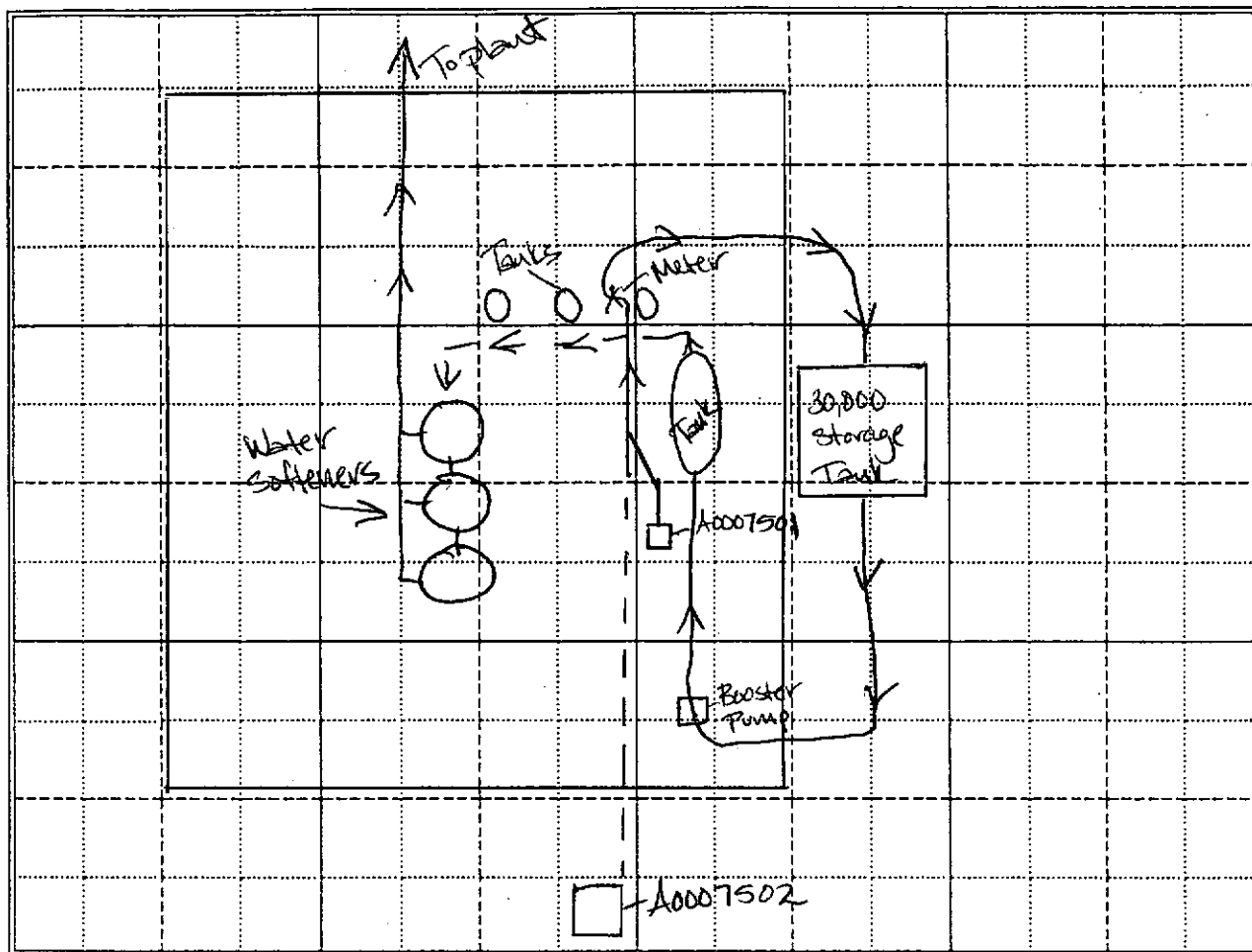
2. Place(s) of Use:

Indicate Method of Determination

| TWP | RGE | SEC | NE       |          |     |    | NW         |            |            |     | SW |      |            |    | SE |    |      |      | Totals |
|-----|-----|-----|----------|----------|-----|----|------------|------------|------------|-----|----|------|------------|----|----|----|------|------|--------|
|     |     |     | NE       | NW       | SW  | SE | NE         | NW         | SW         | SE  | NE | NW   | SW         | SE | NE | NW | SW   | SE   |        |
| 05S | 15E | 36  |          |          |     |    | 0.2        |            | 22.5       | 3.7 | 5  | 38.5 | 31         | 36 |    |    | 40   | 35.5 | 212.4  |
|     | 16E | 31  |          |          |     |    |            |            |            |     |    |      | L4<br>33.7 | 37 |    |    | 35.5 | 32   | 138.2  |
| 06S | 15E | 1   | L2<br>40 | L2<br>32 | 5.5 | 10 | L3<br>40.2 | L4<br>40.3 | 46         | 30  |    |      |            |    |    |    |      |      | 238    |
|     | 16E | 6   | L1<br>48 | L2<br>49 | 37  | 39 | L3<br>45   | L4<br>49.3 | L5<br>26.3 | 40  |    | 45   |            |    | 25 | 32 |      |      | 395.1  |
|     |     |     |          |          |     |    |            |            |            |     |    |      |            |    |    |    |      |      |        |
|     |     |     |          |          |     |    |            |            |            |     |    |      |            |    |    |    |      |      | 983.7  |

Commercial Use

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



Scale: 1" = \_\_\_\_\_

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☒ Aerial Photo Attached (required for irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4.

| Well or Diversion Identification No.* | Motor Make  | Hp | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|---------------------------------------|-------------|----|------------------|-----------|-----------------------------------|
| A0007501                              | US Electric | 50 | 153543           |           |                                   |
| A0007502                              | US Electric | 50 | 153543           |           |                                   |
|                                       |             |    |                  |           |                                   |

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

#### D. FLOW MEASUREMENTS

1.

| Measurement Equipment | Type      | Make | Model No. | Serial No. | Size | Calib. Date |
|-----------------------|-----------|------|-----------|------------|------|-------------|
| Fuji                  | FLC 81011 |      |           | TK0085TB   |      | May 2000    |
|                       |           |      |           |            |      |             |

2. Measurements: Please See Narrative

## **E. NARRATIVE/REMARKS/COMMENTS**

**FILE:** 37-08903

**FROM:** Amanda Folsom

**DATE:** March 1, 2001

I met with Mr. Rick Warren, who is an employee with Glanbia Foods, on February 9<sup>th</sup>. Rick is in charge of the wells and irrigation part of the plant. Glanbia Foods is a cheese producing plant. Thousands of gallons of water are used daily to clean the equipment and tanks used to produce the cheese.

There are two wells used for the plant operation. The first well's GPS tag is A0007501. This well is inside one of the buildings of the plant. The second well's tag is A0007502, and was located approximately 50 feet south of the first well, in a small pump house outside. There is a six-inch main line that runs underground to the first building and joins with the main line from the first well. The well water flows up the six inch mainline, past the flow meter and into three small tanks. From there the water travels to a large 30,000gal-storage tank on the east side of the building. Booster pumps pump the water back through the building to a smaller holding tank. From there the water moves into one of the three very large water softeners, and then finally into the plant. The wastewater from the plant is discharged into one of three ponds that are located south of the plant on the north side of Little Wood River.

The wastewater that is discharged from the cheese plant includes ground water from the two wells and "cow water" as Rick Warren described in his letter to Allen Merritt, dated April 25, 2000. The wastewater is applied to the 983.7acres throughout the year. In his letter, Rick said that during the non-growing seasons, the soil profile is used, up to its moisture holding capacity, to store the wastewater. In the early spring, one of two things will happen:

1. The addition of irrigation water increases the leaching of the treated water back to the aquifer. and/or
2. A reduced amount of irrigation water will be pumped from the aquifer to meet the crop needs.

Therefore, water is leached back to the aquifer or a reduced volume of irrigation water pumped from the aquifer, which in essence results in a net non-consumptive use of the volume of water pumped from the aquifer for commercial purposes.

Two of the ponds that the wastewater drains into are very large. The first, wastewater lagoon #1, is 3.2acres, the second lagoon is 0.68acres, and the third is 0.02acres. Considering the size of these ponds, it is evident that some evaporation will take place. Also, by applying the wastewater to a crop, some water will be consumed. But as Rick has pointed out, less irrigation water would be pumped, so in the end the consumptive use of water from the aquifer will be less.

I went back out to Glanbia on February 16<sup>th</sup> to get a measurement of their system running at peak flow. Around 10:00 to 12:00 everyday, the wells are used to clean the tanks and equipment, which is when the highest flow is needed. I used the Fuji to take the measurement, which came to a system capacity of 2.67cfs for the two wells. Rick also gave me a copy of their recorded average flows for July and August of 2000 (I've included that copy in my report along

with my calculations). I used an average of the gpd used for the month of July in which the highest flows were recorded, to calculate the acre-feet per year, which came to 1248.3afa.

My recommendation is that this permit be licensed for 2.00cfs and 1248.3afa, with the restriction that the system capacity not exceed 2.67cfs when used in conjunction with water right 37-7051. The place of use overlaps with the water rights listed in transfers T5622, T5623, and T5625 (please see overlap analysis).

OG NAME:G2  
START :02-16 11:25  
END :02-16 11:45  
INTERVAL:00:01:00

2/16/01 11:25  
+5.652E+2 gal/m  
+TOTAL 0010827 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:26  
+7.458E+2 gal/m  
+TOTAL 0000439 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:27  
+1.199E+3 gal/m  
+TOTAL 0001606 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:28  
+1.194E+3 gal/m  
+TOTAL 0002807 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:29  
+1.199E+3 gal/m  
+TOTAL 0004007 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:30  
+1.204E+3 gal/m  
+TOTAL 0005206 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:31  
+1.193E+3 gal/m  
+TOTAL 0006405 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:32  
+1.197E+3 gal/m  
+TOTAL 0007601 gal

2/16/01 11:35  
+5.653E+2 gal/m  
+TOTAL 0010870 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:36  
+5.649E+2 gal/m  
+TOTAL 0011433 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:37  
+5.677E+2 gal/m  
+TOTAL 0011996 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:38  
+5.661E+2 gal/m  
+TOTAL 0012560 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:39  
+5.651E+2 gal/m  
+TOTAL 0013121 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:40  
+5.699E+2 gal/m  
+TOTAL 0013687 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:41  
+5.574E+2 gal/m  
+TOTAL 0014251 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:42  
+5.568E+2 gal/m  
+TOTAL 0014812 gal

-TOTAL 0000000 gal  
NORMAL

2/16/01 11:33

+1.194E+3 gal/m  
+TOTAL 0008797 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:34

+1.191E+3 gal/m  
+TOTAL 0009991 gal  
-TOTAL 0000000 gal  
NORMAL

-TOTAL 0000000 gal  
NORMAL

2/16/01 11:43

+5.695E+2 gal/m  
+TOTAL 0015378 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:44

+5.649E+2 gal/m  
+TOTAL 0015940 gal  
-TOTAL 0000000 gal  
NORMAL

2/16/01 11:45

+5.664E+2 gal/m  
+TOTAL 0016505 gal  
-TOTAL 0000000 gal  
NORMAL

1,199

1,194

1,199

1,204

1,193

1,197

1,194

1,191

$$\frac{9571}{8} = 1196.4$$
$$\frac{1196.4}{448.83} = 2.67 \text{ cfs}$$

| Well Water Meter Readings |                |                 |      |
|---------------------------|----------------|-----------------|------|
| Date                      | Meter Readings | Daily Usage GPD | CFS  |
| 07/01/00                  | 2,194,778      | 1,123,198       | 1.74 |
| 07/02/00                  | 2,198,225      | 1,123,198       | 1.74 |
| 07/03/00                  | 2,201,672      | 1,123,198       | 1.74 |
| 07/04/00                  | 2,205,119      | 1,123,198       | 1.74 |
| 07/05/00                  | 2,208,566      | 1,123,198       | 1.74 |
| 07/06/00                  | 2,212,013      | 1,124,501       | 1.74 |
| 07/07/00                  | 2,215,464      | 1,130,693       | 1.75 |
| 07/08/00                  | 2,218,934      | 1,076,602       | 1.67 |
| 07/09/00                  | 2,222,238      | 1,076,602       | 1.67 |
| 07/10/00                  | 2,225,542      | 1,076,602       | 1.67 |
| 07/11/00                  | 2,228,846      | 1,166,862       | 1.80 |
| 07/12/00                  | 2,232,427      | 1,181,525       | 1.83 |
| 07/13/00                  | 2,236,053      | 1,007,196       | 1.56 |
| 07/14/00                  | 2,239,144      | 1,171,098       | 1.81 |
| 07/15/00                  | 2,242,738      | 1,117,659       | 1.73 |
| 07/16/00                  | 2,246,168      | 1,117,659       | 1.73 |
| 07/17/00                  | 2,249,598      | 1,117,984       | 1.73 |
| 07/18/00                  | 2,253,029      | 1,104,951       | 1.71 |
| 07/19/00                  | 2,256,420      | 1,117,333       | 1.73 |
| 07/20/00                  | 2,259,849      | 1,134,603       | 1.75 |
| 07/21/00                  | 2,263,331      | 1,102,995       | 1.71 |
| 07/22/00                  | 2,266,716      | 1,095,175       | 1.69 |
| 07/23/00                  | 2,270,077      | 1,095,175       | 1.69 |
| 07/24/00                  | 2,273,438      | 1,095,501       | 1.69 |
| 07/25/00                  | 2,276,800      | 1,128,737       | 1.75 |
| 07/26/00                  | 2,280,264      | 1,087,681       | 1.68 |
| 07/27/00                  | 2,283,602      | 1,119,288       | 1.73 |
| 07/28/00                  | 2,287,037      | 1,119,614       | 1.73 |
| 07/29/00                  | 2,290,473      | 1,119,614       | 1.73 |
| 07/30/00                  | 2,293,909      | 1,119,614       | 1.73 |
| 07/31/00                  | 2,297,345      | 1,119,614       | 1.73 |
| 08/01/00                  | 2,300,781      | 1,119,614       | 1.73 |
| 08/02/00                  | 2,304,217      | 1,155,783       | 1.79 |
| 08/03/00                  | 2,307,764      | 1,146,985       | 1.77 |
| 08/04/00                  | 2,311,284      | 1,120,265       | 1.73 |
| 08/05/00                  | 2,314,722      | 1,140,794       | 1.76 |
| 08/06/00                  | 2,318,223      | 1,140,794       | 1.76 |
| 08/07/00                  | 2,321,724      | 1,141,120       | 1.76 |
| 08/08/00                  | 2,325,226      | 1,232,031       | 1.91 |
| 08/09/00                  | 2,329,007      | 1,153,502       | 1.78 |
| 08/10/00                  | 2,332,547      | 1,179,570       | 1.82 |
| 08/11/00                  | 2,336,167      | 1,030,983       | 1.59 |
| 08/12/00                  | 2,339,331      | 948,218         | 1.47 |
| 08/13/00                  | 2,342,241      | 948,218         | 1.47 |
| 08/14/00                  | 2,345,151      | 961,903         | 1.49 |
| 08/15/00                  | 2,348,103      | 986,342         | 1.53 |
| 08/16/00                  | 2,351,130      | 1,013,387       | 1.57 |
| 08/17/00                  | 2,354,240      | 1,041,736       | 1.61 |
| 08/18/00                  | 2,357,437      | 965,162         | 1.49 |
| 08/19/00                  | 2,360,399      | 965,162         | 1.49 |
| 08/20/00                  | 2,363,361      | 964,836         | 1.49 |
| 08/21/00                  | 2,366,322      | 1,036,522       | 1.60 |
| 08/22/00                  | 2,369,503      | 1,036,197       | 1.60 |
| 08/23/00                  | 2,372,683      | 1,011,758       | 1.56 |
| 08/24/00                  | 2,375,788      | 1,002,308       | 1.55 |

$$1.73 = \frac{345,405.68}{31} = \frac{111,422.16 \text{ gpd}}{325,850} = 3.42 \text{ af/day}$$

$$3.42 \text{ af}(365 \text{ days}) = \boxed{1248.3 \text{ af}}$$

| Well Water Meter Readings |                |                 |      |
|---------------------------|----------------|-----------------|------|
| Date                      | Meter Readings | Daily Usage GPD | CFS  |
| 08/25/00                  | 2,378,864      | 1,001,983       | 1.55 |
| 08/26/00                  | 2,381,939      | 1,039,781       | 1.61 |
| 08/27/00                  | 2,385,130      | 1,039,781       | 1.61 |
| 08/28/00                  | 2,388,321      | 1,039,455       | 1.61 |
| 08/29/00                  | 2,391,511      | 985,690         | 1.52 |
| 08/30/00                  | 2,394,536      | 987,645         | 1.53 |
| 08/31/00                  | 2,397,567      | 974,286         | 1.51 |

QUADS AA21 &amp; AA22

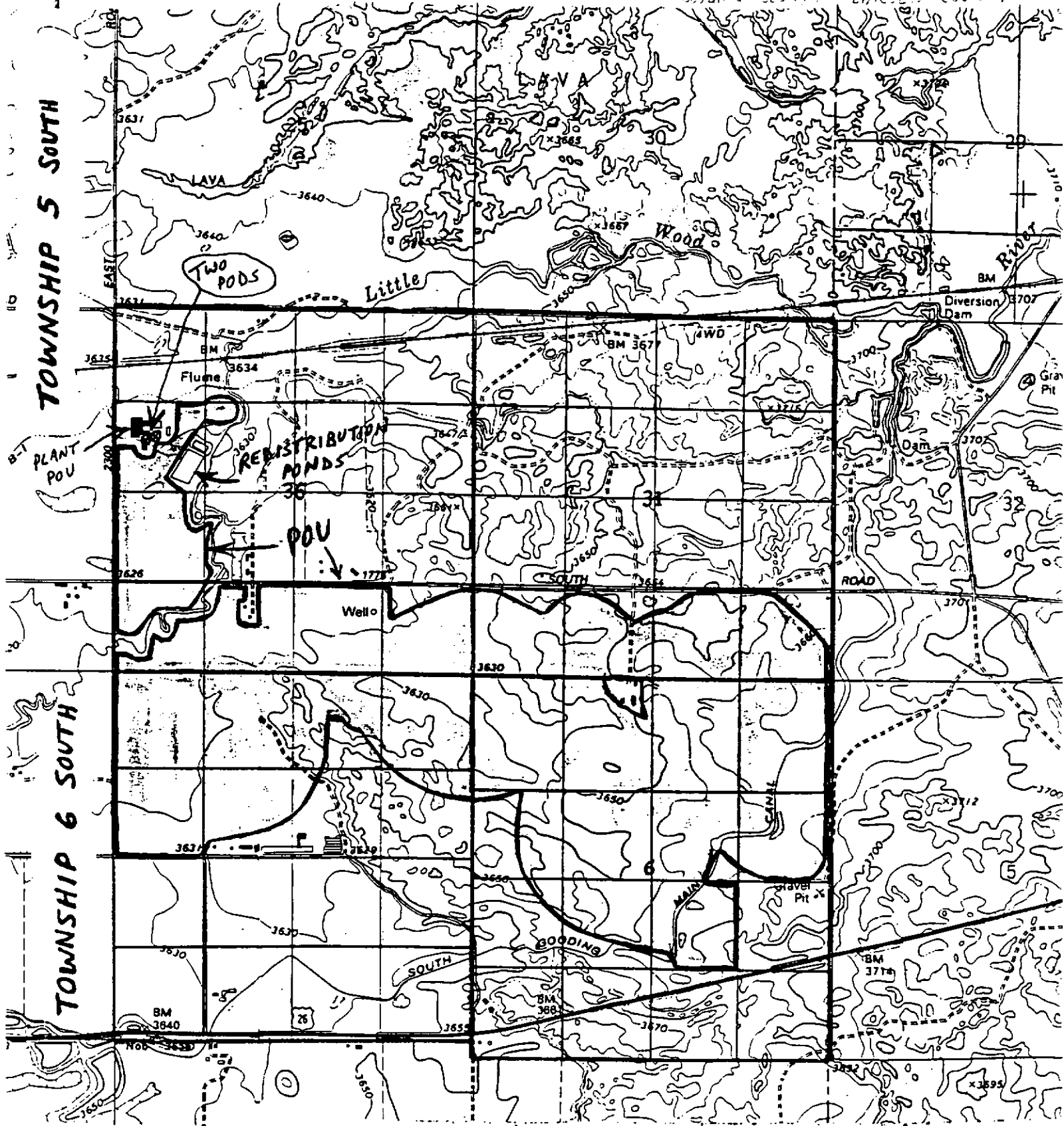
GODDING COUNTY LINCOLN COUNTY

TOWNSHIP 5 SOUTH

TOWNSHIP 6 SOUTH

RANGE 15 EAST

RANGE 16 EAST

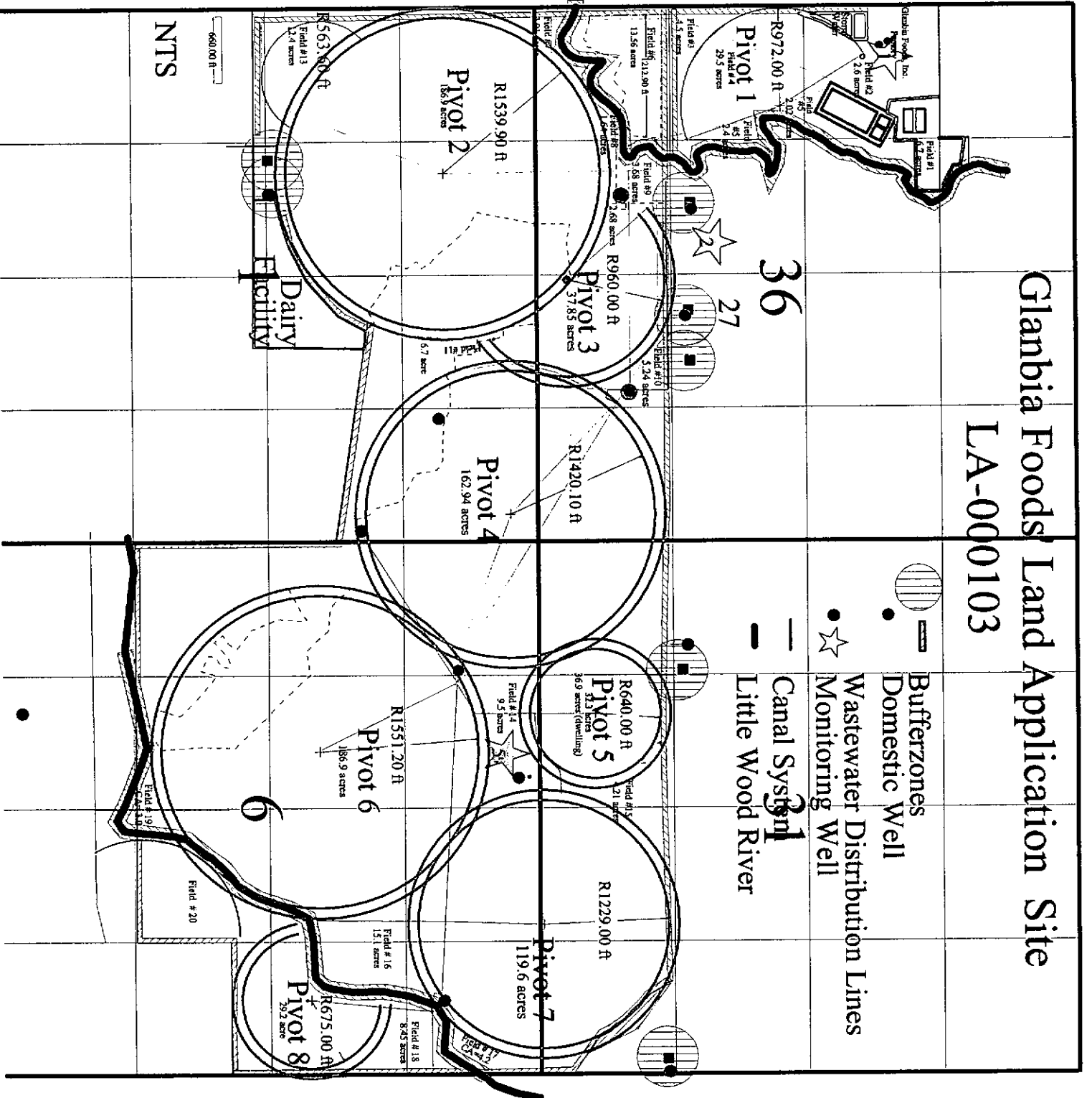


# Glanbia Foods' Land Application Site

## LA-000103

-  Bufferzones
-  Domestic Well
-  Wastewater Distribution Lines
-  Monitoring Well

Canal System  
Little Wood River



Dairy Facility

T.5.S.

T.6.S.

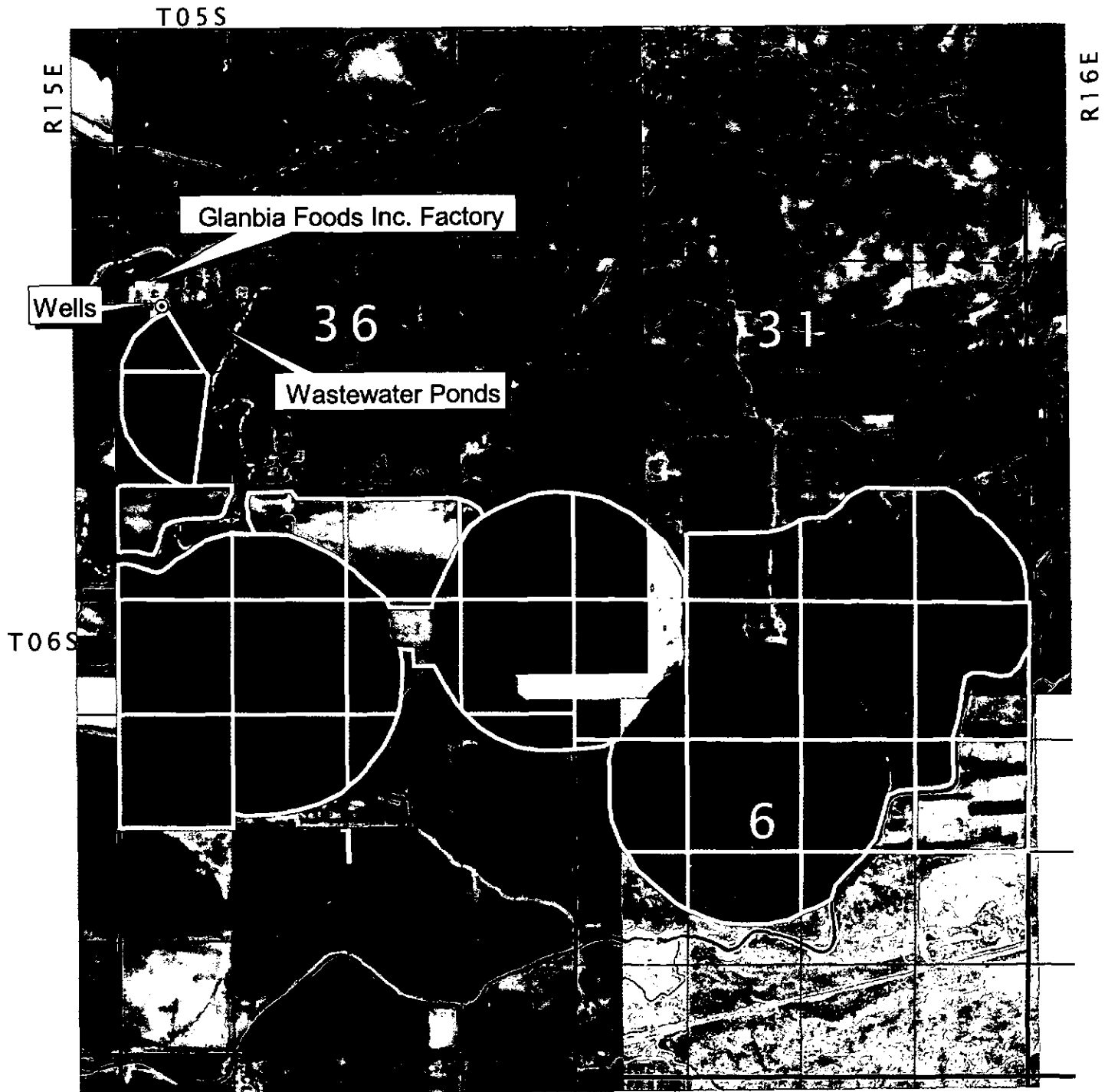


NTS

# Idaho Department of Water Resource

## Recommendation for 37-08903

### Glanbia Foods Inc



⊙ Point of Diversion

▭ Section Lines

▭ Quarter-quarter lines

▭ Place of Use



Point of Diversion and Place of Use  
T05 & 06S R15 & 16E S18  
Data entry on Feb 28, 2001

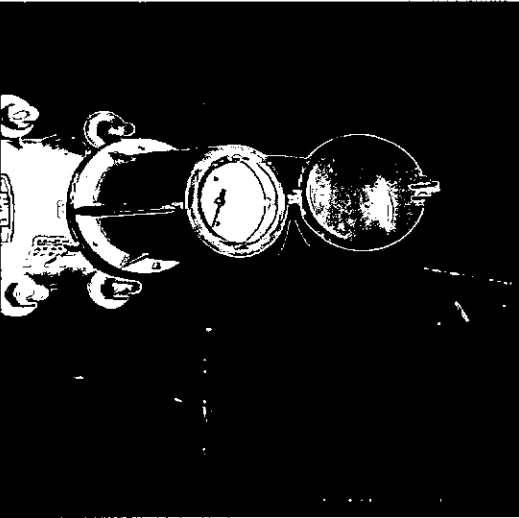
Point of Diversion Presentation  
1987/1988 NAPP Photography  
Data Entry By: Amanda Folsom



Outside Well 50hp pump



Inside well to right. Flow Measurement



Flow Meter

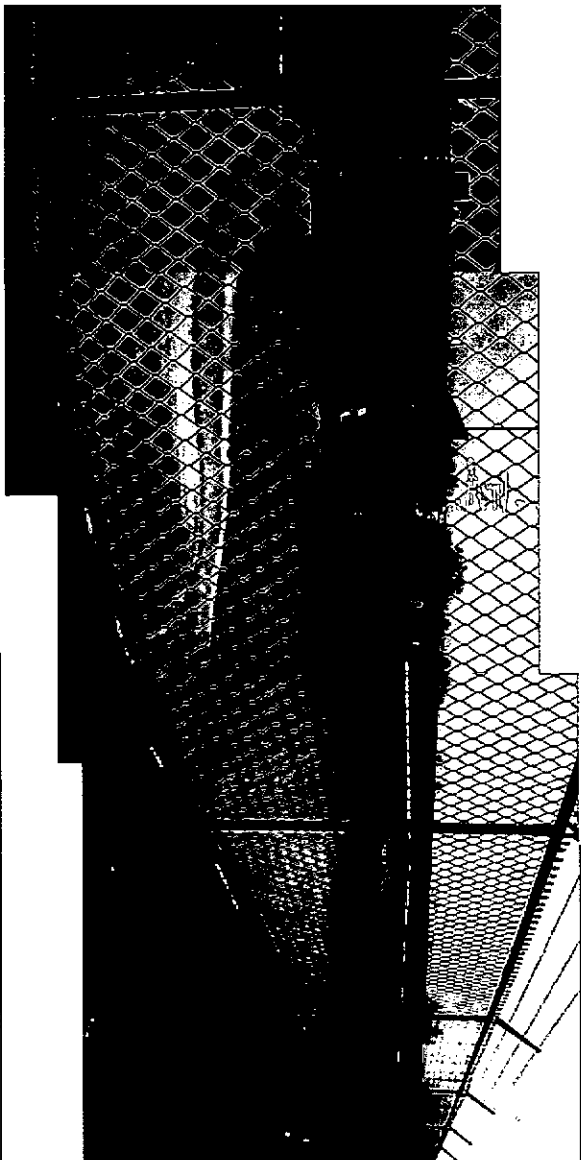


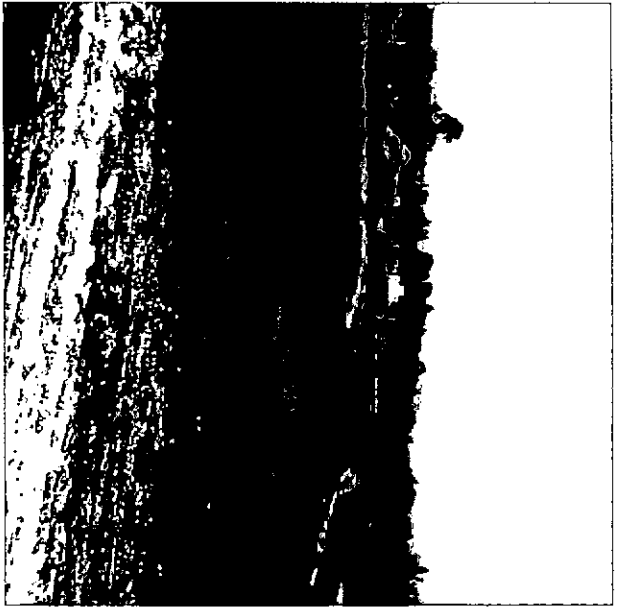
Pipe and Flow Meter

Waste Water Lagoon #1



Waste Water Lagoon #2





Waste Water Lagoon #3



Little Wood River



Glanbia Plant

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Have conditions of permit approval been met? Xyes \_\_\_no

# F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

$$\text{Fuji} \rightarrow \frac{1197.7 \text{ gpm}}{448.83} = 2.67 \text{ cfs}$$

Permitted  $\rightarrow$  2.00 cfs

# G. VOLUME CALCULATIONS

## 1. Volume Calculations for Irrigation:

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

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{1448}$$

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

## 2. Volume Calculations for Other Uses:

GPD Average for the Month of July 2000

$$\frac{1114221.6 \text{ gpd}}{325850} = 3.42 \text{ af/day (365 days)} = \underline{1248.3 \text{ af}}$$

# H. RECOMMENDATIONS

## 1. Recommended Amounts

| Beneficial Use | Period of Use |       | Rate of Diversion<br>Q (cfs) | Annual Volume<br>V (afa) |
|----------------|---------------|-------|------------------------------|--------------------------|
|                | From          | To    |                              |                          |
| Commercial     | Y1            | 12/31 | 2.00                         | 1248.3                   |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
| Totals:        |               |       | 2.00                         | 1248.3                   |

## 2. Recommended Amendments

☐ Change P.D. as reflected above.

☐ Add P.D. as reflected above

☒ None

☐ Change P.U. as reflected above

☐ Add P.U. as reflected above

☐ Other

# I. AUTHENTICATION

Field Examiner's Name

Amanda Johnson

Date

3/27/01

Reviewer

Date

SEAL



State of Idaho  
**DEPARTMENT OF WATER RESOURCES**

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098  
Phone: (208) 327-7900 FAX: (208) 327-7866

September 5, 2000

DIRK KEMPTHORNE  
GOVERNOR

KARL J. DREHER  
DIRECTOR

GLANBIA FOODS INC  
C/O RICK WARREN  
1728 S 2300 E  
GOODING ID 83330

**PROOF ACKNOWLEDGMENT LETTER**

**RE: PERMIT NO. 37-08903**

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water, and that it meets the permitted beneficial use.

Be advised that Section 42-248, Idaho Code requires you or the owner of this water right to maintain current ownership and address records on file with the department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any department office.

If you have questions concerning the field examination, please contact the **Southern** Regional Office of the department in Twin Falls at (208) 736-3033.

Sincerely,

Deborah J. Gibson  
Administrative Assistant  
Water Allocation Bureau

Encl.

c: IDWR - Regional Office

MICROFILMED  
SEP 12 2000

ANALYSIS SHEET  
FOR  
PROOF OF BENEFICIAL USE

Permit No. 37-08903 Reviewed by D. Gibson Date 8/5/00

GENERAL CONSIDERATIONS

Yes Name same as permit?  
Yes Address same as permit?  
Yes Proof timely received?  
If not, complete calculation below.

TYPES OF USE

Commercial  
Correct Uses? Yes

SOURCE OF WATER

No Surface water source  
Yes Ground water source  
Yes Drilling permit required?  
No Copy in the file? Drilling Permit No. \_\_\_\_\_  
Amount paid for permit \_\_\_\_\_ Correct?  
Well log in the file?

LICENSE EXAMINATION FEE

Yes Required?  
\$125 Amount Submitted  
Yes Correct?

MEASURING DEVICE

Yes Required?  
Yes Installed?  
Waiver requested?

PRIORITY CALCULATION

|                     |                |   |
|---------------------|----------------|---|
| Date proof received | <u>7/27/00</u> |   |
| Date proof due      | <u>7/1/05</u>  | - |
| No. of days late    |                | = |
| Priority Date       |                | + |
| New Priority Date   |                |   |

DEFICIENCIES OR ACTION ITEMS

Acknowledge proof.

DATA ENTRY

New Address No Proof Made 7/27/00

RECEIPT  
For Monies Paid  
to the  
Idaho Department of Water Resources

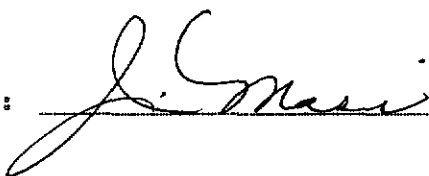
Receipt No:  
C049945

Date:  
Time: 7/27/2000  
14:23:48

Received  
From: GLANBIA FOODS INC

| Type of Payment           | Program A cct     | Amount |
|---------------------------|-------------------|--------|
| BENEFICIAL USE # 37-08903 | 56104 229 21 1155 | 125.00 |
| CHECK 180762              |                   |        |
|                           | Total \$          | 125.00 |

Region: STATE

Signature: 

MICROFILMED  
SEP 12 2000



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

DIRK KEMPTHORNE  
GOVERNOR

KARL J. DREHER  
DIRECTOR

June 29, 2000

GLANBIA FOODS INC  
C/O RICK WARREN  
1728 S 2300 E  
GOODING ID 83330

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 37-08903

Dear Permit Holder:

The Department of Water Resources (IDWR) has issued the enclosed permit authorizing you to establish a new water right. Please be sure to thoroughly review the conditions of approval and remarks listed on your permit.

The permit is a preliminary order issued by IDWR pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by IDWR unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.

Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a licensed water right. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed, you should complete and submit this form immediately.

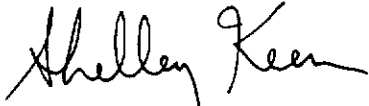
The right to drill a well is not a part of this permit to appropriate water. Beginning in July of 1987, a statute was enacted which requires a drilling permit for new well construction and deepening of existing wells. If the well(s) proposed for use under this right were drilled or deepened after July 1, 1987, a separate drilling permit must be obtained from this Department. Please contact the Groundwater Protection Section located here at this office or our regional office nearest you.

MICROFILMED  
SEP 12 2000

Also, please note that water right owners are required to report any change of water right ownership and/or change of mailing address to the department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the department or visit the department's homepage on the Internet to obtain the proper reporting form.

If you have any questions, please call me at 208-327-7946.

Sincerely,

A handwritten signature in cursive script that reads "Shelley Keen". The signature is written in dark ink and is positioned above the typed name and title.

Shelley W. Keen  
Water Rights Supervisor

SK:klt

Enclosures

MICROFILMED

SEP 12 2000

CERTIFICATE OF MAILING

I hereby certify that on the 29th day of June, 2000, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved Permit) to the person(s) listed below:

Water Right No. 37-08903

GLANBIA FOODS INC  
C/O RICK WARREN  
1728 S 2300 E  
GOODING ID 83330

  
Kari Lynn Townsend  
Secretary

MICROFILMED  
SEP 12 2000

**EXPLANATORY INFORMATION  
TO ACCOMPANY A  
PRELIMINARY ORDER**

The accompanying order or approved document is a "Preliminary Order" issued by the department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department of Water Resources (department) unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:

**PETITION FOR RECONSIDERATION**

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

**EXCEPTIONS AND BRIEFS**

Within fourteen (14) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

**REQUEST FOR HEARING**

Unless a right to a hearing before the department or the Idaho Water Resource Board (Board) is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

**ORAL ARGUMENT**

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

**CERTIFICATE OF SERVICE**

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

### FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

### APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

**APPLICATION FOR PERMIT**  
**STATE OFFICE ANALYSIS**  
Reviewed by Sharla Curtis on 6/15/00

No. 37-08903 Name: Arvonmore W Corp. Officers ✓ Ad ok ✓ Govt Lots       

AREA OF CONCERN: No/Yes ESPA Moratorium        GWMA TRUST/NON-TRUST

**GROUNDWATER:** (✓Flow Chart)

**DRILLING PERMIT**

All wells 046(P23)  
Basin 34 - 084 (if necessary)  
Irr. w/in WD - P05  
WMD - North/East/West  
≤ 0.24 cfs/5 acres - No MD  
> 0.24 cfs/5 acres 067  
WMD  
Supp irr (irr = only use) - 065-104  
Supp irr (+ other uses) - 100-105  
≤ 0.24 cfs/5 acres - No MD  
> 0.24 cfs/5 acres - 01M

**LOCATION:**

Boise Front LoGeo - 058 (<85 GW)  
Mitigation - 121  
42-248 Area - P84 (20s-70s, 81-86)  
Swan Falls Flag  
Trust - 051(P74) (consumptive uses)  
Non-Trust - 048-049 (consumptive uses or non-cons. > 1.0 cfs)

**USES:**

STORAGE - 18A-01H(P01), 01P-18B(P09)-NA  
IRR ≤ 5 ac - R66/R67/R68/R69 (0.03 cfs/ac)  
    > 5 ac - R62/R63/R64/R65 (0.02 cfs/ac)  
STOCK WATER - R37 (BLM/USFS)  
MINING - 054-081(P10)  
FISH PROP - 029(70'S only)-007-042-081(P10)  
HEAT/COOL - R07(injection well)  
FIRE PROT. - 077

**SURFACE WATER:** (✓Flow Chart)

F&G contacted - Yes/No Response         
In/Above MSF - WB9  
PLANNING REVIEW/RESPONSE         
In-stream development - P52  
WD - R04 (WD#       )  
    ≤ 0.20 cfs/others - 01H(P01), 01P or No MD  
    > 0.20 cfs - 01J(P08)

**SPRINGS/SINK, INACTIVE WD & REST OF STATE**

≤ 0.24 cfs/5 acres - No MD  
> 0.24 cfs/5 acres - 01M or No MD

**RIVER BASINS:** (SW special considerations)

Snow R (01) - W22(P04), N/A  
    (02,03) - 007 (w/ remark WB9 if above Weiser)  
Payette R (65) - 047(P04) (Payette Lake)  
Salmon R (70's) - 029 (fish screens)  
Weiser R (67) - 086-087

**USES:**

POWER - 17H-17K (+uses)-08A-025(P18)-01N-081(P10)  
MUNICIPAL  
    Restricted area - 022,075  
    Irr., GW supp to SW - 102  
DOMESTIC  
    Surface water - WB5 (Big Wood or Boise above Star Bridge)  
        27A (Payette R)  
    >1 in restricted area - 070-071-075(no parks/common areas, etc)  
    Irr use listed separate - WB5  
    Moratorium approvable - W03 (2500 gpd - meets domestic definition  
        i.e. D/convenience store)

**BENEFICIAL USE DUE:** 7/01/2005

**MISC CONDITIONS/REMARKS:**

Protested - 020-W19  
Development Period  
    ≤ 1 yr - P16  
    > 1 yr - 26A(P17)  
Ownership - 004  
Non-consumptive 027  
Water Quality - 081-R07

Multiple pd's per 1/4 W32 ②  
Subd lot desc (pd) - W59  
Subd lot desc (pu) - W60, cheese manuf. & whey processing plant  
Use definitions W02 example - S/50 range  
Pre-1987 development - 068-074 (allow 120 days for proof due)  
Single p/d intended - 076

IRRIGATION SEASON        -        (Per updated map)

IRR VOLUME/ACRE       

**OTHER CONDITIONS/REMARKS**

**COMMENTS**

Require mitigation - do not give credit for  
water resulting from pumping under Right 37-08903!  
S.W. Keen  
6-28-00

STATE OF IDAHO  
IDWR SOUTHERN REGION  
APPLICATION FOR PERMIT ANALYSIS SHEET

RECEIVED

JUN 6 2000

DEPARTMENT OF WATER RESOURCES

INITIAL REVIEW BY A. SKINNER DATE 01/05/2000

REQUIRED INFORMATION (Ck if OK)

- ☒ Name (If applicant is a corporation or partnership, names must be provided for the director, officers, & other partners. NEED *OK received 1/10/2000 JS*)  
☒ Address  
☒ Source (see USGS quad for names of water sources)  
☒ Point of diversion (10 Acres for spring, lot & block descriptions for subdivisions, local name, flow &/or volume.  
☒ County  
☒ Quantity (flow &/or volume)  
☒ Period of use  
☒ Nature of proposed use (include description of use)  
☒ Description of diverting works.  
☒ Time required for beneficial use of water.  
☒ Place of use or acres irrigated.  
☒ Map  
☒ Signature (If applicant is corp., partnership, or municipality, title of signator is required)  
☒ Fee  
☒ Yes ☐ No\* In form to receipt?

++++ PROPOSED PRIORITY DATE 9/17 1999

ADDITIONAL INFORMATION

- ☒ Overlapping place of use( Describe source & relationship to present application on the back. SEE ATTACHED MEMO  
☒ Overlapping point of diversion. 37-07051  
☐ Yes ☒ No Is Source Surface Water?  
If Yes Send Copy to F&G.  
If Yes Field check/memo required.  
Field check/memo by \_\_\_\_\_  
☐ Yes ☒ No Field report attached?  
☐ Yes ☒ No Critical Ground water area?  
☐ Yes ☒ No Groundwater management area?  
☒ Yes ☐ No Measurement District or Groundwater District?  
What District? WEST MEASUREMENT DISTRICT  
☐ Yes ☒ No Send Dam safety information?  
☐ Yes ☒ No Send power requirement letter?  
☐ Yes ☒ No Send fish farm requirement letter?  
☐ Yes ☒ No Power residency affidavit attached?  
☐ Yes ☒ No Power efficiency form?  
☒ Yes ☐ No Within trustwater boundary?(If yes, attach trustwater supplementary analysis sheet.  
☐ Yes ☒ No Diversion greater than 5 cfs or 500 acre ft? (If yes, attach large diversion supplementary analysis sheet.  
☐ Yes ☒ No Is Application made to record Pre Nov 1987 Development?  
If Yes then request clear evidence of when use started.

\* REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT:

NEED CORPORATE OFFICERS OF AVONMORE WEST INC.

Date Requested \_\_\_\_\_

*OK received 1/10/2000 JS.*

Date Sent      Comments Received

SEND COPIES TO:

|                                                         |       |       |
|---------------------------------------------------------|-------|-------|
| <input type="checkbox"/> Idaho Dept of Health & Welfare | _____ | _____ |
| <input type="checkbox"/> USDI BLM                       | _____ | _____ |
| <input type="checkbox"/> Idaho Dept of Fish & Game      | _____ | _____ |
| <input type="checkbox"/> USFS                           | _____ | _____ |
| <input type="checkbox"/> Idaho Dept of Lands            | _____ | _____ |
| <input type="checkbox"/> Water Dist. No. _____          | _____ | _____ |
| <input type="checkbox"/> Adjudication Bureau Unit       | _____ | _____ |
| _____                                                   | _____ | _____ |
| _____                                                   | _____ | _____ |

PROCESSING ☒ Yes ☐ No In form for Advertising?  
☐ Yes ☒ No Statewide Advertising?  
☒ Yes ☐ No Fee amount, receipt date & No. recorded?

☐ Yes ☐ No Has all requested additional information been received?  
If not, describe action taken: \_\_\_\_\_

FINAL REGIONAL PROCESSING REVIEW

☒ Yes ☐ No Affidavit of publication received?  
☐ Yes ☐ No Application published correctly? If not, record action taken.

☒ Yes ☐ No Publication dates and paper recorded?

Final date for protest: \_\_\_\_\_

☐ Yes ☒ No Protests received?

☐ Yes ☒ No Protested?

Describe Resolution: \_\_\_\_\_

☒ Yes ☐ No Measuring device required?

☐ Yes ☒ No Access port required?

☐ Yes ☒ No Will water be delivered by watermaster? If yes, what dist? \_\_\_\_\_

☒ Yes ☐ No Special conditions codes: \_\_\_\_\_

☒ Yes ☐ No Is Evaluation Memo Attached?

If yes; date of Memo 6/1/00

Date of priority recommended: 9/17/00

COMMENTS:

RECOMMEND ☒ Approval ☐ Denial

By [Signature] Date 6/1/00

RECEIVED

JUN 3 - 2000

MEMO

FROM: Allen Merritt

Department of Water Resources

DATE: June 1, 2000

TO: Transfer File No.      **5622**                      **5623**                      **5625**  
Water Right(s):      T37-07260      T37-00177N      T37-07051  
                                 T37-07380A      T37-00374B  
                                 T37-07380C      T37-02043B  
                                 T37-07576

Application for Permit **37-08903**

In the Name of: Avonmore West Inc (now Glanbia Foods Inc)

**SUBJECT: Review and Recommendation**

These three transfers and 1 new application for permit deal with the water use at the cheese plant east of Gooding. The purpose of these applications is to document the use at the plant and the arrangement for land application of the waste at the plant. (See Skinner's 1/10/2000 memo for details)

**Application 37-08903**

The application for permit is for additional flow rate from the wells at the plant. Review of the field exam for 37-07051 finds that both wells existed in 1975 at the time of exam and it appears the wells were drilled in 1969. Both wells had 40 HP pumps and pumping level from log is estimated to be 133'. The wells discharged into a basin then used in a meat processing plant. Based on this information the capacity of these two wells is calculated to be 3.72 cfs. 1.00 cfs was licensed under 37-07051. The remainder of the capacity is intended to be covered under application for permit 37-08903. Although processing of the application was not based on pre -1987 use ; the system has been in place since at least 1975. The basis of processing this application was that it was non-consumptive or mitigated. This basis is documented in the 4/25/00 letter from Glanbia. The water once used in the plant with the addition of the "cow water" will be land applied with leaching back to the aquifer as well as reduced use of existing groundwater rights.

**Transfers T5622, T5623 & T5625**

See Skinner's memo for details.

I have prepared GIS maps included in file T5622 of the proposal.

**Recommendation**

I recommend that these transfers be approved subject to the following conditions:

**All**

-All rights including canal shares currently on property shall be maintained on property and

SEP 12 2000

not sold off unless authorized by the department.

**-Rights subject to lease agreements. Rights in the name of Arkoosh Produce and/or Greenhorn Farms should remain in their name until such time as they are sold. These same rights are subject to a mortgage of First Security Bank.**

-Surface water including canal shares and waste water being land applied shall be utilized to the fullest extent prior to diversion directly from groundwater for use for irrigation.

-Subject to SRBA.

**T5623**

-Under control of watermaster of water district 37M.

-Measuring devices and controls works must be maintained at diversion works.

**T5622**

-Measuring devices be maintained on all wells and use annually reported to West ESPA Measurement District or North Snake Groundwater District.

-No new wells authorized to be drilled.

**T5625 and Permit 37-08903**

-Measuring devices be maintained on both wells and use annually reported through West ESPA Measurement District.

-No new wells authorized to be drilled.

-Land application of waste water be the primary source of irrigation needs at site in lieu of use of pumped groundwater under T5623. This is to mitigate use under permit 37-08903.

-On approval of T5625 permit 37-08716 be relinquished or held in abeyance until such time it is demonstrated it is necessary or not superfluous.

-Rights subject to other federal, state or county requirements as may be appropriate and specifically as may apply to land application of commercial waste or discharge of water into the Little Wood River.

-The director retains jurisdiction to determine injury to other water rights &/or require further mitigation.

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SEP 12 2000



Glanbia Foods, Inc. Telephone (208) 934-8195  
1728 South 2300 East Facsimile (208) 934-8294  
Gooding, ID 83330

RECEIVED

APR 28 2000

Department of Water Resources  
Bozeman, Montana

CERTIFIED MAIL # 7000 0520 0015 3072 3696

April 25, 2000

Mr. Allen Merritt, PE  
State of Idaho  
Department of Water Resources  
1341 Fillmore Street, Suite 200  
Twin Falls, ID 83301-3380

Dear Mr. Merritt,

Subject: Water Right Application 37-08903 Glanbia Foods, Inc. (formerly Avonmore West Inc.)

Dear Mr. Merritt:

This letter is in response to your letter of April 4, 2000, in which you requested a detailed water balance for our plant to demonstrate non-consumptive use or that the water, after use, is returned to the aquifer.

Application for permit # 37-08903 is for 2.00 cfs of groundwater to be pumped from the aquifer for commercial use at the Glanbia Foods, Inc. Gooding milk and whey processing plant.

Wastewater from the milk and whey processing plant is treated on a land application treatment facility permitted by the Idaho Department of Environmental Quality. The land application treatment process is a recycling treatment system. The process wastewater is applied to cultivated ground. As the process wastewater passes through the soil profile, it is treated by natural bacteria and filtered by the soil. Bacteria, in the soil, break down the nutrients so that they are available for plant nutrition and uptake. The crops are harvested, transported off site, and fed to cattle, thus recycling the nutrients. Water eventually leaches through to the aquifer. Depending on the characteristics of the process wastewater and the level of treatment, nutrients, minerals, and salts can be carried to the ground water. Thus, the land application treatment sites are permitted and regulated by the IDEQ to insure that the aquifer is not adversely impacted. Wells around the facility are sampled and monitored to verify that water being recycled to the aquifer is treated adequately to prevent ground water degradation.

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SEP 12 2000

Glanbia Foods, Inc.  
A subsidiary of Glanbia plc

High quality farmland makes the most ideal water treatment facility since crops must be raised to accomplish the nutrient treatment, uptake, and recycling process. IDEQ requires permit holders to have adequate irrigation water to support crop production required for proper treatment and recycling of the process wastewater.

The land on which the process wastewater is treated has full water rights as required to support the crop production. The irrigation water is supplied by approximately 169 shares of surface water and by four irrigation water wells.

Process wastewater from the plant is generated 365 days per year. As it is generated, the process wastewater is applied to approximately 900 acres. The process wastewater is made up of ground water and "cow water". The ground water is from the commercial ground water wells. "Cow water" is water removed from the milk and whey products. The plant currently processes approximately 4,500,000 lbs. of milk per day. This volume is expected to increase to 6,000,000 lbs. per day within the next couple of years. Additionally, outside whey products are brought in for processing. In processing the milk into cheese and whey products, approximately 84.6 percent of the milk volume is extracted water and becomes part of the process wastewater stream. This is equal to 456,474 gallon of water per day (.7 cfs.) from processing 4,500,000 lbs./day of milk or 608,633 gallon of water per day (.939 cfs) from processing 6,000,000 lbs./day of milk.

Water pumped from the commercial well goes to one of two places.

- 1) Currently, approximately 150,000 gallon per day (.23 cfs) goes through cooling jackets and is discharged to a non-contact cooling water pond. The non-contact cooling water pond is an unlined pond. Therefore, water seeps from the pond to the aquifer. If the influent to the pond exceeds the seepage rate, part of the water overflows to the Little Wood River. We do not have figures on the volume that overflows to the river.
- 2) The balance of the water pumped from the well ends up in the process wastewater stream along with the "cow water". As previously described, the process wastewater is land applied for treatment and recycle. The land application treatment facility is adjacent to the process plant.

The process wastewater is applied to the treatment facility throughout the year. During the non-growing season, the soil profile is used, up to its moisture holding capacity, to store the water. In the early spring one of two scenarios will occur.

- 1) The addition of irrigation water increases the leaching of the treated water back into the aquifer.

and/or

- 2) A reduced amount of irrigation water will be pumped from the aquifer to meet the crop needs.

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SEP 12 2000

Therefore, water is leached back to the aquifer or a reduced volume of irrigation water is pumped from the aquifer; which in essence results in a net non-consumptive use of the volume of water pumped from the aquifer for commercial purposes.

The volume of "cow water" added to the water balance should be ample volume to mitigate losses to the aquifer water balance resulting from the non-contact cooling water discharge to the Little Wood River and evaporation losses during application of the process wastewater.

If any additional information is needed concerning this permit application please contact me at 934-8195 extension 117.

Thank you,



Rickie Del Warren  
Environmental Director

Cc: Dave Thomas  
Doug Larson

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SEP 12 2000



Glanbia Foods, Inc.  
1728 South 2300 East  
Gooding, ID 83330

Telephone (208) 934-8195  
Facsimile (208) 934-8294

April 5, 2000

State of Idaho  
Department of Water Resources  
1341 Fillmore Street, Suite 200  
Twin Falls, ID 83301-3380  
Attention: Cory Skinner

RECEIVED  
APR 12 2000  
Department of Water Resources  
Southern Region

Subject: Company Name Change

Dear Mr. Skinner:

The name of our company has changed from Avonmore West Inc. to Glanbia Foods, Inc. as per previous correspondence. There were no other changes in the company. All corporate officers are the same.

We request that the name of the applicant on transfers 5622, 5623, and 5625 be changed to Glanbia Foods, Inc. as suggested in your January 18, 2000, letter.

Please find the attached copy of the legal document for this name change.

Thank you again for your assistance.

Sincerely,

Rickie Del Warren  
Environmental Director

David L. Thomas  
Glanbia Foods, Inc.

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SEP 12 2000



**State of Idaho**

**DEPARTMENT OF WATER RESOURCES**

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

SOUTHERN REGION

DIRK KEMPTHORNE  
GOVERNOR

KARL J. DREHER  
DIRECTOR

April 04, 2000

Avonmore West  
Attn Rickie Del Warren  
1728 S 2300 E  
Gooding, ID 83330

RE: Application for Permit 37-08903

Dear Mr. Warren:

Our office has advertised the above referenced application for permit which requests 2.00 cfs to be pumped from groundwater for commercial use at the plant in Gooding. This application was processed with three other transfer applications that deal with other water rights at the facility. All applications were advertised without protest.

Since application 37-08903 is in the moratorium area the only way it can be approved is for either the use be non-consumptive or mitigated. There currently is not sufficient information in the file to demonstrate that the use will be non-consumptive or mitigated through the entire year. In my analysis (assuming no consumption in the plant) there is potential to mitigate the use with recorded irrigation rights from groundwater which are appurtenant to the land disposal area. However, it is your responsibility to develop such a mitigation plan that may suit your needs.

Please provide a detailed water balance for your plant so that it can be demonstrated that the requested application is non-consumptive to the groundwater or that the use is some way mitigated or the water, after use, is returned the aquifer. Please provide this information within 30 days. I will hold this application with the transfer applications until the requested information is provided.

If you have questions, please feel free to contact this office.

Sincerely,

Allen Merritt, PE  
Southern Region Manager

CC: Cindy Hodges  
Norm Young

MICROFILMED  
SEP 12 2000

Aus more west

Surface 2043B ~~25~~ 25  
374B 177N 39

151.6

378.5 - 218.7

125

285

900.1

780.3

GW limit

899.3

total  
2/12/2000

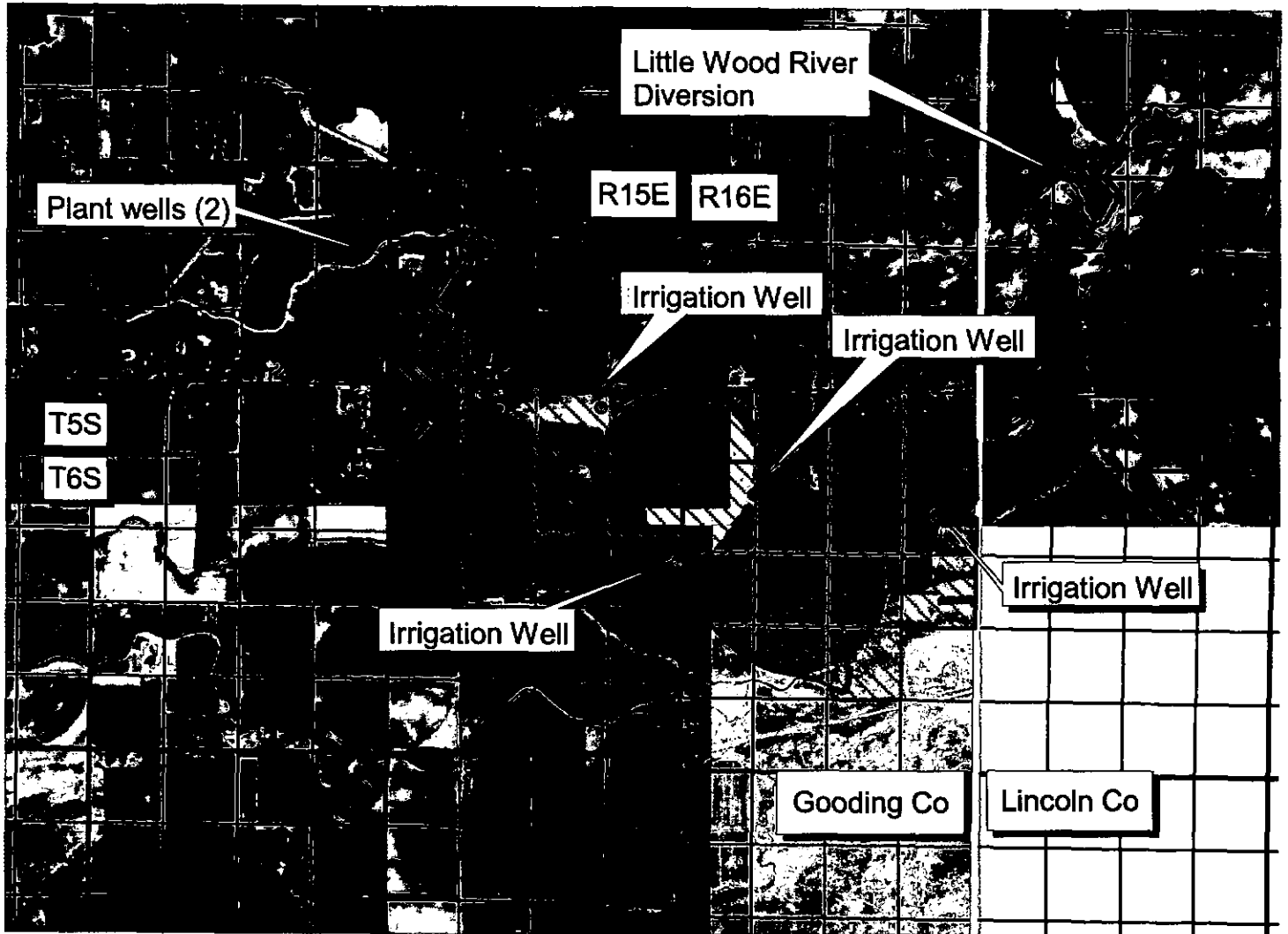
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SEP 12 2000

IDAHO DEPARTMENT OF WATER RESOURCES

# AVONMORE WEST INC

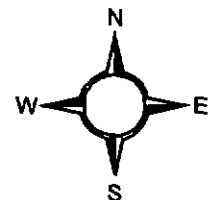
## T5622, T5623, T5625 & 37-07051



- B37-pod.shp
- B37-pou.shp
- Counties.shp
- ▨ T05s15e-ec.shp
- ▨ T05s15eq.shp
- ▨ T05s16e-ec.shp
- ▨ T05s16eq.shp
- ▨ T06s15e-ec.shp
- ▨ T06s15eq.shp
- ▨ T06s16e-ec.shp
- ▨ T06s16eq.shp

BY: ADM  
Date: 3/22/2000

PROFILMED  
SEP 12 2000



# AFFIDAVIT of PUBLICATION

State of Idaho }  
County of Gooding } ss.

RECEIVED

MAR 13 2000

Department of Water Resources  
Southern Region

Norma DeVoe, being first duly sworn, deposes and says that she is the printer (publisher) of the Gooding County Leader, a newspaper published every week in Gooding, County of Gooding, State of Idaho; that said newspaper has been continuously and uninterruptedly published for a period of seventy-eight consecutive weeks prior to the first publication of the annexed notice, and is a newspaper qualified to publish legal notices as provided by act of the 1919 session of the legislature of the State of Idaho, known as House Bill 145; that the annexed advertisement was published once each week for

2 consecutive issues in said newspaper proper and not in supplement; that the date of the first publication of said advertisement was on the 2nd day of March, 192000

and that date of the last publication was on the 9th day of

March, 192000

On this 9th day of March

in the year of 2000, before me, a Notary Public, personally appeared

Norma DeVoe, known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledge to me that she executed the same.

Shelley Sturgeon  
Notary Public for Idaho  
Residing at Jerome

SHELLEY STURGEON  
Notary Public  
State of Idaho

My commission expires: 12/3/00

# 7360/29768  
GOODING COUNTY LEADER  
Gooding, Idaho

## COST OF PUBLICATION

Number of Picas per Line \_\_\_\_\_

Number of Lines in Notice \_\_\_\_\_

Number of Insertions 24

198.01 Lines tabular at 14.85 7.5¢/Pica  
890.99 Lines straight at 57.91 6.5¢/Pica  
1089 Subsequent lines at 59.90 5.5¢/Pica

Affidavit Fee: 2.25

TOTAL COST 134.91

Gambia Foods #37-08903

TITLE OF NOTICE

PLAINTIFF ATTORNEY

DEFENDANT

PLAINTIFF

IDWR

BILL TO

## COPY OF NOTICE

**NOTICE OF APPLICATION FOR WATER PERMIT**  
The following application have been filed by Gambia Foods, Inc., 1728 S 2300 E, Gooding ID, waters of the State of Idaho:

**Application for Permit No. 37-08903**

Source: ground water (existing development)  
Diversion Pt(s): Two wells within SWNW, S36, T05S  
Use: 01/01-12/31 Commercial (2.00 cfs)  
In: Parts of S36, T05S, R15E; S31, T05S, R16E  
T06S, R16E; Gooding County for product cooling equipment within cheese manufacturing and whey  
Applicant seeks processing of application as non-c  
Date Filed: 09/17/99

**Transfer No. 5622** requests to record a 983.7 irrig of use by diverting a combined total of 15.61 cfs nected wells located within SWSE, S36, T05S, R15E; and NENE & NWNW, S06, T06S, R16E; Gc lowing water rights within the same sections:

| Right No. | Priority   |
|-----------|------------|
| 37-07260  | 08/08/1973 |
| 37-07380A | 09/05/1974 |
| 37-07380C | 09/05/1974 |
| 37-07576  | 03/29/1977 |

**Transfer No. 5623** a companion to proposed Tran of diversion within SESW, S29, T05S, R16E loca applicant requests to record the diversion of a tot Wood river tributary to Malad River within SESW County which is co-mingled with ground water, c plant waste water for use on the same 983.7 irrig County listed above using the following listed right

| Right No. | Priority   |
|-----------|------------|
| 37-00177N | 04/01/1883 |
| 37-00374B | 05/15/1884 |
| 37-02043B | 05/10/1906 |

**Transfer No. 5625** requests to change points of for Right No. 37-07051 (1.00 cfs) recorded with from ground water within NWSW, S36, T05S, R there; Gooding County. The applicant wishes to r diversion points within SWNW, S36, T05S for lan plant waste water at same place of use as listed tion(s) must be filed with the Department of W Region, 1341 Fillmore St., Suite 200; Twin Falls; protest fee of \$25.00 on or before March 20; 200 Department in its decision to grant or deny any p tion (s). Each app 60 requires a separate must also send a copy to the applica

PUB: 3/2 - 3/9

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SEP 12 2000

## NOTICE OF APPLICATION FOR WATER PERMIT/CHANGE OF RIGHTS

The following application<sup>s</sup> have been filed by Avonmore West, Inc., aka Glambia Foods, Inc., 1728 S 2300 E; Gooding ID 83330 regarding the public waters of the State of Idaho:

### **Application for Permit No. 37-08903**

Source: ground water (existing development)

Diversion Pt(s): Two wells within SWNW, S36, T05S, R15E; Gooding County.

Use: 01/01-12/31 Commercial (2.00 cfs)

In: Parts of S36, T05S, R15E; S31, T05S, R16E; S01, T06S, R15E; S06, T06S, R16E; Gooding County for product cooling and cleaning of plant & equipment within cheese manufacturing and whey processing plant. Applicant seeks processing of application as non-consumptive.

Date Filed: 09/17/99

**Transfer No. 5622** requests to record a 983.7 irrigated acre permissible place of use by diverting a combined total of 15.61 cfs from four (4) existing connected wells located within SWSE, S36, T05S, R15E; SENE, S01, T06S, R15E; and NENE & NWNW, S06, T06S, R16E; Gooding County using the following water rights within the same sections:

| <b><u>Right No.</u></b> | <b><u>Priority</u></b> | <b><u>Amt (cfs)</u></b> |
|-------------------------|------------------------|-------------------------|
| 37-07260                | 08/08/1973             | 5.70                    |
| 37-07380A               | 09/05/1974             | 3.03                    |
| 37-07380C               | 09/05/1974             | 4.38                    |
| 37-07576                | 03/29/1977             | 2.50                    |

**Transfer No. 5623**, a companion to proposed Transfer No. 5622, has a point of diversion within SESW, S29, T05S, R16E located in Lincoln County. The applicant requests to record the diversion of a total of 1.58 cfs from the Little Wood River tributary to Malad River within SESW, S29, T05S, R16E; Lincoln County which is co-mingled with ground water, canal water, and processing plant waste water for use on the same 983.7 irrigated acres within Gooding County listed above using the following listed rights:

| <b><u>Right No.</u></b> | <b><u>Priority</u></b> | <b><u>Amt (cfs)</u></b> |
|-------------------------|------------------------|-------------------------|
| 37-00177N               | 04/01/1883             | 0.14                    |
| 37-00374B               | 05/15/1884             | 0.56                    |
| 37-02043B               | 05/10/1906             | 0.88                    |

**Transfer No. 5625** requests to change points of diversion and place of use for Right No. 37-07051 (1.00 cfs) recorded with priority date of 08/27/1969 from ground water within NWSW, S36, T05S, R15E; for commercial use there; Gooding County. The applicant wishes to record two existing wells as diversion points within SWNW, S36, T05S for land application of processing plant waste water at same place of use as listed above in proposed transfers & application.

Any protest against the proposed application(s) must be filed with the Department of Water Resources, Southern Region, 1341 Fillmore St., Suite 200; Twin Falls, ID 83301 together with a protest fee of \$25.00 on or before March 20, 2000 to be considered by the Department in its decision to grant or deny any part of the proposed application(s). (**Each application requires a separate protest**). The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher, Director

Published in the Gooding County Leader on 03/02 & 03/09/00.

MICROFILMED

SEP 12 2000

OK  
AB



State of Idaho

**DEPARTMENT OF WATER RESOURCES**

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

SOUTHERN REGION

DIRK KEMPTHORNE  
GOVERNOR

KARL J. DREHER  
DIRECTOR

February 23, 2000

MAGIC VALLEY PUBLISHING  
ATTN: Gooding County Leader  
PO BOX 468  
JEROME ID 83338

Ladies and Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper.

We have inserted the required publication dates. If you cannot publish the notice on the proposed dates, please contact us immediately.

In order to receive payment, an affidavit of publication must be submitted to the Department along with the publication bill.

Very truly yours,

Mary Baldwin

Administrative Assistant

Enclosure

MICROFILMED

SEP 12 2000



State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

SOUTHERN REGION

DIRK KEMPTHORNE  
GOVERNOR

KARL J. DREHER  
DIRECTOR

January 18, 2000

Rick Warren  
Environmental Director  
Avonmore West, Inc.  
1728 South 2300 East  
Gooding, ID 83330

Dear Mr. Warren:

Our office acknowledges receipt of the list of corporate officers for Avonmore West, Inc.. You mentioned that Avonmore West, Inc. will be changing their name to Glanbia Foods Inc, on January 24, 2000. As you recall, Avonmore West Inc. currently has four water right applications filed with our office. Application for Permit 37-08903 and Transfer Applications 5622, 5623, and 5625 have all been filed in the name of Avonmore West Inc.

I have enclosed a partially completed Assignment of Application for Permit form that upon completion, will enable our office to change the recorded owner of Application for Permit 37-08903. With regards to the transfer applications, I suggest that Avonmore West Inc. submit a letter requesting that the name of the applicant on transfers 5622, 5623, and 5625 be changed to Glanbia Foods, Inc. In addition, copies of legal documents indicating the name change from Avonmore West Inc. to Glanbia Foods, Inc. should be included.

If you have any questions, or if you need any further assistance feel free to contact this office at your convenience.

Sincerely,

Corey Skinner, P.E.  
Water Resource Engineer

Enclosure

MICROFILMED

SEP 12 2000

37-08903

## MEMORANDUM

**TO:** Transfer #5622, #5623, #5625 and Application for Permit 37-08903 Files

**FROM:** Corey Skinner *CS*

**DATE:** January 10, 2000

**SUBJECT:** Staff Review

Transfer applications #5622, #5623, #5625 and Application for Permit 37-08903 are filed in the name of Avonmore West Inc. The applications describe the water use at the Avonmore facility located east of Gooding. Basically, there are two wells that are used to provide water for Avonmore's cheese processing plant. After water is diverted from these wells and used in the processing plant, waste water from the processing plant is routed to a redistribution pond and then land applied, along with irrigation water to surrounding lands. The irrigation water consists of groundwater, Little Wood River water, and canal company water. Avonmore is expanding their land application area to a total of 983.7 acres.

Transfer #5622 proposes to modify the groundwater irrigation rights that are appurtenant to the land application area. The transfer proposes tying all of the irrigation wells together and to create a 983.7 acre permissible place of use, consisting of the expanded land application area.

Transfer #5623 proposes to modify the Little Wood River water rights that are appurtenant to the land application area. The transfer propose tying all of the Little Wood River rights together in a 983.7 acre permissible place of use, consisting of the expanded land application area.

Transfer #5625 proposes to modify the existing water right, 37-07051, that provides water for the cheese processing plant. The transfer proposes to add a second, existing, well, and to correctly describe the points of diversion. In addition, the transfer proposes to identify the 983.7 acre land application area as part of the place of use of the water right (land application of waste water will be described as a commercial use).

Application for Permit 37-08903 proposes to create a new water right allowing for the diversion of an additional 2.00 cfs of water for commercial purposes associated with the cheese processing plant and the land application of waste water. The application states that the water use should be considered as non consumptive, so the application is being processed.

The applications should be fairly straight forward, but there are a few items that probably need some further discussion.

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Avonmore Applications Memo

January 10, 2000

The proposed land application area is owned by two separate entities. Part of the land application area is owned by Avonmore West and the other part(s) is owned by Arkoosh Produce. Apparently, Avonmore has a lease /purchase agreement on the Arkoosh Produce property. The applications are all filed in the name of Avonmore West, but there is a letter from Arkoosh Produce consenting to the applications in the Transfer #5623 file.

As previously mentioned, there are several different sources of water that are used to irrigate the proposed land application area. Transfer #5622 deals with the groundwater rights, Transfer #5623 deals with the water rights from the Little Wood River, and Transfer #5625 and Application for Permit 37-08903 deal with the waste water from the cheese processing plant. In addition, there is canal company (Big Wood Canal Company and American Falls Reservoir) water that is also used on the land application area. Examination of the Department's records also indicate that water right permit 37-08716, in the name of Avonmore West Inc., describes water quality improvement use on part of the land application area. Further examination of permit 37-08716 reveals that the permit is for the land application of waste water from licensed water right 37-07051. If Transfer #5625 is approved as proposed, then the land application of this waste water will be described in right 37-07051 and permit 37-08716 will no longer be needed. If Transfer #5625 is approved, then the Department may want to cancel permit 37-08716 since this water use will be entirely described on water right 37-07051.

Application for Permit 37-08903 is being processed since it states that the water use should be considered as non consumptive. However, there is no information that has been included with the application that supports this view. In reality, the water is diverted from the wells, used in the plant, stored in redistribution ponds, and then land applied through existing irrigation systems. There is more than likely some loss of this water through evaporation in the ponds, and while applying the waste water through the irrigation systems. In addition, the crops growing on the land application area will consume some of the water. Rick Warren, the Avonmore representative that submitted the applications, said that when the milk is being processed into cheese, quite a bit of water is being separated from the milk so there is actually more water that leaves the plant than what enters the plant from the wells. However, there is no documentation of this in the application file, so the Department should require the applicant to provide information regarding the non consumptive nature of, or possible mitigation for, the water use proposed by Application for Permit 37-08903.

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*Avonmore*

**Avonmore West Inc.**

1728 South 2300 East, Gooding, ID 83330  
Bus: (208) 934-8195 Fax: (208) 934-8294

**RECEIVED**

**JAN 10 2000**

Department of Water Resources  
Southern Region

Idaho Department of Water Resources  
1341 Fillmore Street Suite 200  
Twin Falls, Idaho 83301

Mr. Korey Skinner:

As per your request, Avonmore West Inc. Corporate Officers include the following:

President: David L. Thomas  
1373 Fillmore Street, Twin Falls, ID 83301

Vice President: Jeff O. Williams  
1373 Fillmore Street, Twin Falls, ID 83301

Secretary /Treasurer: Mark R. Short  
1373 Fillmore Street, Twin Falls, ID 83301

Thomas Brendan Graham  
Glanbia plc  
Glanbia House  
Kilkenny, Co. Kilkenny  
Ireland

Geoffery Joseph Meagher  
Glanbia plc  
Glanbia House  
Kilkenny, Co. Kilkenny  
Ireland

John Moloney  
Glanbia plc  
Glanbia House  
Kilkenny, Co. Kilkenny  
Ireland

FYI - Avonmore West Inc. will officially change it's name to Glanbia Foods Inc. on  
Jan 24, 2000.

Sincerely,



Rick Warren  
Environmental Director  
Avonmore West Inc.

cc: Dave Thomas  
Doug Larson  
Water Rights File

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