

	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Concentration	TN discharged kg per day								
						Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Concentration	TN discharged kg per day	
	210	0.5	1.05	1.1	1.16								
	210	0.5	1.05	1.1	1.16	7	7	105	0.5	0.525	1.1	0.58	
	210	0.5	1.05	1.1	1.16	7	7	105	0.5	0.525	1.1	0.58	
	210	0.5	1.05	1.1	1.16	7	7	105	0.5	0.525	1.1	0.58	
	210	2	4.2	1.1	4.62	7	7	105	0.5	0.525	1.1	0.58	
	210	2	4.2	1.1	4.62	7	7	105	2	2.1	1.1	2.31	
	210	2	4.2	1.1	4.62	7	7	105	2	2.1	1.1	2.31	
	210	2	4.2	1.1	4.62	7	7	105	2	2.1	1.1	2.31	
	210	4	8.4	1.1	9.24	7	7	105	2	2.1	1.1	2.31	
	210	4	8.4	1.1	9.24	7	7	105	4	4.2	1.1	4.62	
	210	4	8.4	1.1	9.24	7	7	105	4	4.2	1.1	4.62	
	210	4	8.4	1.1	9.24	7	7	105	4	4.2	1.1	4.62	
	210	6.5	13.65	1.1	15	7	7	105	4	4.2	1.1	4.62	
	210	6.5	13.65	1.1	15	7	7	105	6.5	6.825	1.1	7.51	
	210	6.5	13.65	1.1	15	7	7	105	6.5	6.825	1.1	7.51	
	210	6.5	13.65	1.1	15	7	7	105	6.5	6.825	1.1	7.51	
	210	9	18.9	1.1	20.8	7	7	105	6.5	6.825	1.1	7.51	
	210	9	18.9	1.1	20.8	7	7	105	9	9.45	1.1	10.4	
	210	9	18.9	1.1	20.8	7	7	105	9	9.45	1.1	10.4	
	210	9	18.9	1.1	20.8	7	7	105	9	9.45	1.1	10.4	
rest			30	1.1	33	7	7	105	9	9.45	1.1	10.4	
							Harvest			15	1.1	16.5	
	Total Harvest Volume (ML)							1365					
	Total Pond Vol (ML)							1365					

**Total
Nitrogen
Discharged
(kg/day)**

**Total Daily Discharge
(ML/d)**

1	1
2	2
3	3
4	5
8	9
13	14
16	18
19	21
27	29
34	38
40	44
44	49
54	59
63	69
70	77
76	83
86	95
97	106
104	115
110	121
126	139
112	124
96	106
77	85
58	64
39	43
15	17

Area 2 Po

Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Concentration	TN discharged kg per day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Concentration	TN discharged kg per day	Number of Ponds
210	0.5	1.05	1.1	1.16								
210	0.5	1.05	1.1	1.16	14	14	210	0.5	1.05	1.1	1.16	
210	0.5	1.05	1.1	1.16	14	14	210	0.5	1.05	1.1	1.16	14
210	0.5	1.05	1.1	1.16	14	14	210	0.5	1.05	1.1	1.16	14
210	2	4.2	1.1	4.62	14	14	210	0.5	1.05	1.1	1.16	14
210	2	4.2	1.1	4.62	14	14	210	2	4.2	1.1	4.62	14
210	2	4.2	1.1	4.62	14	14	210	2	4.2	1.1	4.62	14
210	2	4.2	1.1	4.62	14	14	210	2	4.2	1.1	4.62	14
210	4	8.4	1.1	9.24	14	14	210	2	4.2	1.1	4.62	14
210	4	8.4	1.1	9.24	14	14	210	4	8.4	1.1	9.24	14
210	4	8.4	1.1	9.24	14	14	210	4	8.4	1.1	9.24	14
210	4	8.4	1.1	9.24	14	14	210	4	8.4	1.1	9.24	14
210	6.5	13.65	1.1	15	14	14	210	4	8.4	1.1	9.24	14
210	6.5	13.65	1.1	15	14	14	210	6.5	13.65	1.1	15	14
210	6.5	13.65	1.1	15	14	14	210	6.5	13.65	1.1	15	14
210	6.5	13.65	1.1	15	14	14	210	6.5	13.65	1.1	15	14
210	9	18.9	1.1	20.8	14	14	210	6.5	13.65	1.1	15	14
210	9	18.9	1.1	20.8	14	14	210	9	18.9	1.1	20.8	14
210	9	18.9	1.1	20.8	14	14	210	9	18.9	1.1	20.8	14
210	9	18.9	1.1	20.8	14	14	210	9	18.9	1.1	20.8	14
Invest		30	1.1	33	14	14	210	9	18.9	1.1	20.8	14
						Harvest			30	1.1	33	14

pond Release Calculations

Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Concentration	TN discharged kg per day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Concentration	TN discharged kg per day	Number of Ponds	
14	210	0.5	1.05	1.1	1.16		14	14	210	0.5	1.05	1.1	1.2	
14	210	0.5	1.05	1.1	1.16		14	14	210	0.5	1.05	1.1	1.2	14
14	210	0.5	1.05	1.1	1.16		14	14	210	0.5	1.05	1.1	1.2	14
14	210	2	4.2	1.1	4.62		14	14	210	0.5	1.05	1.1	1.2	14
14	210	2	4.2	1.1	4.62		14	14	210	2	4.2	1.1	4.6	14
14	210	2	4.2	1.1	4.62		14	14	210	2	4.2	1.1	4.6	14
14	210	2	4.2	1.1	4.62		14	14	210	2	4.2	1.1	4.6	14
14	210	4	8.4	1.1	9.24		14	14	210	2	4.2	1.1	4.6	14
14	210	4	8.4	1.1	9.24		14	14	210	4	8.4	1.1	9.2	14
14	210	4	8.4	1.1	9.24		14	14	210	4	8.4	1.1	9.2	14
14	210	4	8.4	1.1	9.24		14	14	210	4	8.4	1.1	9.2	14
14	210	6.5	13.7	1.1	15		14	14	210	4	8.4	1.1	9.2	14
14	210	6.5	13.7	1.1	15		14	14	210	6.5	13.7	1.1	15	14
14	210	6.5	13.7	1.1	15		14	14	210	6.5	13.7	1.1	15	14
14	210	6.5	13.7	1.1	15		14	14	210	6.5	13.7	1.1	15	14
14	210	9	18.9	1.1	20.8		14	14	210	6.5	13.7	1.1	15	14
14	210	9	18.9	1.1	20.8		14	14	210	9	18.9	1.1	21	14
14	210	9	18.9	1.1	20.8		14	14	210	9	18.9	1.1	21	14
14	210	9	18.9	1.1	20.8		14	14	210	9	18.9	1.1	21	14
Harvest			30	1.1	33		14	14	210	9	18.9	1.1	21	14
							Harvest			30	1.1	33	14	

Last Modified:

10/30/2002

Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Concentration	TN discharged kg per day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Concentration	TN discharged kg per day	Number of Ponds
14	210	0.5	1.05	1.1	1.16								
14	210	0.5	1.05	1.1	1.16	14	14	210	0.5	1.05	1.1	1.16	
14	210	0.5	1.05	1.1	1.16	14	14	210	0.5	1.05	1.1	1.16	14
14	210	0.5	1.05	1.1	1.16	14	14	210	0.5	1.05	1.1	1.16	14
14	210	2	4.2	1.1	4.62	14	14	210	0.5	1.05	1.1	1.16	14
14	210	2	4.2	1.1	4.62	14	14	210	2	4.2	1.1	4.62	14
14	210	2	4.2	1.1	4.62	14	14	210	2	4.2	1.1	4.62	14
14	210	2	4.2	1.1	4.62	14	14	210	2	4.2	1.1	4.62	14
14	210	4	8.4	1.1	9.24	14	14	210	2	4.2	1.1	4.62	14
14	210	4	8.4	1.1	9.24	14	14	210	4	8.4	1.1	9.24	14
14	210	4	8.4	1.1	9.24	14	14	210	4	8.4	1.1	9.24	14
14	210	4	8.4	1.1	9.24	14	14	210	4	8.4	1.1	9.24	14
14	210	6.5	13.65	1.1	15	14	14	210	4	8.4	1.1	9.24	14
14	210	6.5	13.65	1.1	15	14	14	210	6.5	13.7	1.1	15	14
14	210	6.5	13.65	1.1	15	14	14	210	6.5	13.7	1.1	15	14
14	210	6.5	13.65	1.1	15	14	14	210	6.5	13.7	1.1	15	14
14	210	9	18.9	1.1	20.8	14	14	210	6.5	13.7	1.1	15	14
14	210	9	18.9	1.1	20.8	14	14	210	9	18.9	1.1	20.8	14
14	210	9	18.9	1.1	20.8	14	14	210	9	18.9	1.1	20.8	14
14	210	9	18.9	1.1	20.8	14	14	210	9	18.9	1.1	20.8	14

Harvest	30	1.1	33	14	14	210	9	18.9	1.1	20.8	14
					Harvest			30	1.1	33	14

Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Concentration	TN discharged kg per day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Concentration	TN discharged kg per day
14	210	0.5	1.05	1.1	1.16							
14	210	0.5	1.05	1.1	1.16	7	7	105	0.5	0.525	1.1	0.5775
14	210	0.5	1.05	1.1	1.16	7	7	105	0.5	0.525	1.1	0.5775
14	210	0.5	1.05	1.1	1.16	7	7	105	0.5	0.525	1.1	0.5775
14	210	2	4.2	1.1	4.62	7	7	105	0.5	0.525	1.1	0.5775
14	210	2	4.2	1.1	4.62	7	7	105	2	2.1	1.1	2.31
14	210	2	4.2	1.1	4.62	7	7	105	2	2.1	1.1	2.31
14	210	2	4.2	1.1	4.62	7	7	105	2	2.1	1.1	2.31
14	210	4	8.4	1.1	9.24	7	7	105	2	2.1	1.1	2.31
14	210	4	8.4	1.1	9.24	7	7	105	4	4.2	1.1	4.62
14	210	4	8.4	1.1	9.24	7	7	105	4	4.2	1.1	4.62
14	210	4	8.4	1.1	9.24	7	7	105	4	4.2	1.1	4.62
14	210	6.5	13.65	1.1	15	7	7	105	4	4.2	1.1	4.62
14	210	6.5	13.65	1.1	15	7	7	105	6.5	6.825	1.1	7.5075
14	210	6.5	13.65	1.1	15	7	7	105	6.5	6.825	1.1	7.5075
14	210	6.5	13.65	1.1	15	7	7	105	6.5	6.825	1.1	7.5075
14	210	9	18.9	1.1	20.8	7	7	105	6.5	6.825	1.1	7.5075
14	210	9	18.9	1.1	20.8	7	7	105	9	9.45	1.1	10.395

14	210	9	18.9	1.1	20.8	7	7	105	9	9.45	1.1	10.395
14	210	9	18.9	1.1	20.8	7	7	105	9	9.45	1.1	10.395
Harvest			30	1.1	33	7	7	105	9	9.45	1.1	10.395
						Harvest				15	1.1	16.5

Total Harvest Volume (ML) 1680

Total Pond Vol (ML) 1680

**Total
Nitrogen
Discharged
(kg/day)**

**Total Daily Discharge
(MI/d)**

1	0.6
2	1.7
3	2.9
4	4.0
6	6.9
11	11.6
14	16.2
18	20.8
24	27.1
31	35.2
35	43.3
43	51.4
51	60.6
60	71.0
66	81.4
75	91.8
85	102.8
96	114.3
101	125.9
111	137.4
125	152.2
126	153.7
107	138.7
94	123.7
77	105.8

58	85.0
28	64.2
39	43.4
15	16.5

Area 3 Pond Release Calculations

Last Modified: #####

Area 3 Pond E

Week No.	August	September	October	November	December	January	February	March	April	May	June
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15	7	7	105	0							
16	14	21	315	0							
17	14	35	525	0							
18	14	49	735	0							
19	7	56	840	0.5	7	7	105	0.5	1.1	0.5775	
20				0.5	7	7	105	0.5	1.1	0.5775	
21				0.5	7	7	105	0.5	1.1	0.5775	
22				0.5	7	7	105	0.5	1.1	0.5775	
23					7	7	105	2	2.1	2.31	
24					7	7	105	2	2.1	2.31	
25					7	7	105	2	2.1	2.31	
26					7	7	105	2	2.1	2.31	
27					7	7	105	4	4.2	4.62	
28					7	7	105	4	4.2	4.62	
29					7	7	105	4	4.2	4.62	
30					7	7	105	4	4.2	4.62	
31					7	7	105	6.5	6.83	7.5075	
32					7	7	105	6.5	6.83	7.5075	
33					7	7	105	6.5	6.83	7.5075	
34					7	7	105	6.5	6.83	7.5075	
35					7	7	105	9	9.45	10.395	
36					7	7	105	9	9.45	10.395	
37					7	7	105	9	9.45	10.395	
38					7	7	105	9	9.45	10.395	
39					Harvest		15	1.1	16.5		
40											
41											
42											
43											

Exchange Calculations

Average ML exchanged / day	Concentration	TN discharged kg per day	Total Daily Discharge (ML/d)	Total Nitrogen Discharged (kg/day)
			1	0.6
			2	1.7
			3	2.9
			4	4.0
0.53	1.1	0.5775	6	6.4
0.53	1.1	0.5775	9	9.8
0.53	1.1	0.5775	12	13.3
0.53	1.1	0.5775	15	16.7
2.1	1.1	2.31	19	20.8
2.1	1.1	2.31	23	25.4
2.1	1.1	2.31	27	30.0
2.1	1.1	2.31	32	34.7
4.2	1.1	4.62	36	39.8
4.2	1.1	4.62	41	45.6
4.2	1.1	4.62	47	51.4
4.2	1.1	4.62	52	57.2
6.83	1.1	7.5075	57	62.9
6.83	1.1	7.5075	62	68.7
6.83	1.1	7.5075	68	74.5
6.83	1.1	7.5075	73	80.3
9.45	1.1	10.395	81	89.3
9.45	1.1	10.395	77	85.0
9.45	1.1	10.395	58	64.2
9.45	1.1	10.395	39	43.4
15	1.1	16.5	15	16.5
840				
840				

Total Releases

	Week No.	Stage 1	Stage 2	Stage 3	Total Daily Averages	
August	1					
	2					
	3					
	4					Weekly Discharge
September	5	1			1	7.35
	6	2			2	14.7
	7	3			3	22.05
	8	4			4	29.4
October	9	8			8	58.8
	10	13			13	88.2
	11	16	1		17	117.6
	12	19	2		21	147
November	13	27	3		29	205.8
	14	34	4		38	264.6
	15	40	6		46	323.4
	16	44	11		55	382.2
December	17	54	14		67	470.4
	18	63	18		81	565.95
	19	70	24	1	95	661.5
	20	76	31	2	108	757.05
January	21	86	35	3	124	867.3
	22	97	43	4	143	999.6
	23	104	51	6	161	1128.225
	24	110	60	9	179	1253.175
February	25	96	66	12	174	1216.425
	26	82	75	15	173	1209.075
	27	66	85	19	170	1190.7
	28	47	96	23	166	1161.3
March	29	28	101	27	156	1095.15
	30	9	111	32	152	1065.75
	31	0	110	36	146	1021.65
	32	0	96	41	138	962.85
April	33	0	77	47	124	867.3
	34	0	64	52	116	808.5
	35	0	47	57	104	731.325
	36	0	28	62	91	635.775
May	37	0	28	68	96	672.525
	38	0	9	73	82	576.975
	39	0	0	66	66	463.05
	40		0	47	47	330.75
June	41		0	28	28	198.45
	42		0	9	9	66.15
	43			0	0	0
				SUM	3234	22,638.00
		Average Flow		11.846	82.92	
		% Daily Exchange		2.134		

Total pond volume = 259*15ML=3885ML

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0.477074

3675

Area 1 Po

	Week No.	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	ML / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day
August	1	14	14	210	0										
	2	14	28	420	0										
	3	14	42	630	0										
	4	14	56	840	0										
September	5	14	70	1050	0.5	14	14	210	0.5	1.05					
	6	14	84	1260	0.5	14	14	210	0.5	1.05	14	14	210	0.5	1.05
	7	7	91	1365	0.5	14	14	210	0.5	1.05	14	14	210	0.5	1.05
	8				0.5	14	14	210	0.5	1.05	14	14	210	0.5	1.05
October	9					14	14	210	2	4.2	14	14	210	0.5	1.05
	10					14	14	210	2	4.2	14	14	210	2	4.2
	11					14	14	210	2	4.2	14	14	210	2	4.2
	12					14	14	210	2	4.2	14	14	210	2	4.2
November	13					14	14	210	4	8.4	14	14	210	2	4.2
	14					14	14	210	4	8.4	14	14	210	4	8.4
	15					14	14	210	4	8.4	14	14	210	4	8.4
	16					14	14	210	4	8.4	14	14	210	4	8.4
December	17					14	14	210	6.5	13.7	14	14	210	4	8.4
	18					14	14	210	6.5	13.7	14	14	210	6.5	13.65
	19					14	14	210	6.5	13.7	14	14	210	6.5	13.65
	20					14	14	210	6.5	13.7	14	14	210	6.5	13.65
January	21					14	14	210	9	18.9	14	14	210	6.5	13.65
	22					14	14	210	9	18.9	14	14	210	9	18.9
	23					14	14	210	9	18.9	14	14	210	9	18.9
	24					14	14	210	9	18.9	14	14	210	9	18.9
February	25										14	14	210	9	18.9
	26														
	27														
	28														
March	29														
	30														

and Exchange Calculations

Last Modified:

10/30/2002

Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML
14	14	210	0.5	1.05								
14	14	210	0.5	1.05	14	14	210	0.5	1.05			
14	14	210	0.5	1.05	14	14	210	0.5	1.05	14	14	210
14	14	210	0.5	1.05	14	14	210	0.5	1.05	14	14	210
14	14	210	2	4.2	14	14	210	0.5	1.05	14	14	210
14	14	210	2	4.2	14	14	210	2	4.2	14	14	210
14	14	210	2	4.2	14	14	210	2	4.2	14	14	210
14	14	210	2	4.2	14	14	210	2	4.2	14	14	210
14	14	210	4	8.4	14	14	210	2	4.2	14	14	210
14	14	210	4	8.4	14	14	210	4	8.4	14	14	210
14	14	210	4	8.4	14	14	210	4	8.4	14	14	210
14	14	210	4	8.4	14	14	210	4	8.4	14	14	210
14	14	210	6.5	13.65	14	14	210	4	8.4	14	14	210
14	14	210	6.5	13.65	14	14	210	6.5	13.7	14	14	210
14	14	210	6.5	13.65	14	14	210	6.5	13.7	14	14	210
14	14	210	6.5	13.65	14	14	210	6.5	13.7	14	14	210
14	14	210	9	18.9	14	14	210	6.5	13.7	14	14	210
14	14	210	9	18.9	14	14	210	9	18.9	14	14	210
14	14	210	9	18.9	14	14	210	9	18.9	14	14	210
14	14	210	9	18.9	14	14	210	9	18.9	14	14	210
					14	14	210	9	18.9	14	14	210
										14	14	210

Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day
0.5	1.05										
0.5	1.05	14	14	210	0.5	1.05					
0.5	1.05	14	14	210	0.5	1.05	7	7	105	0.5	0.525
0.5	1.05	14	14	210	0.5	1.05	7	7	105	0.5	0.525
2	4.2	14	14	210	0.5	1.05	7	7	105	0.5	0.525
2	4.2	14	14	210	2	4.2	7	7	105	0.5	0.525
2	4.2	14	14	210	2	4.2	7	7	105	2	2.1
2	4.2	14	14	210	2	4.2	7	7	105	2	2.1
4	8.4	14	14	210	2	4.2	7	7	105	2	2.1
4	8.4	14	14	210	4	8.4	7	7	105	2	2.1
4	8.4	14	14	210	4	8.4	7	7	105	4	4.2
4	8.4	14	14	210	4	8.4	7	7	105	4	4.2
6.5	13.7	14	14	210	4	8.4	7	7	105	4	4.2
6.5	13.7	14	14	210	6.5	13.65	7	7	105	4	4.2
6.5	13.7	14	14	210	6.5	13.65	7	7	105	6.5	6.825
6.5	13.7	14	14	210	6.5	13.65	7	7	105	6.5	6.825
9	18.9	14	14	210	6.5	13.65	7	7	105	6.5	6.825
9	18.9	14	14	210	9	18.9	7	7	105	6.5	6.825
9	18.9	14	14	210	9	18.9	7	7	105	9	9.45
9	18.9	14	14	210	9	18.9	7	7	105	9	9.45
		14	14	210	9	18.9	7	7	105	9	9.45
							7	7	105	9	9.45

Total Daily Water Use

1
2
3
4
8
13
16
19
27
34
40
44
54
63
70
76
86
97
104
110
96
82
66
47
28
9
0

Area 2 Pond Exchange Calculations

Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML
14	14	210	0.5	1.05								
14	14	210	0.5	1.05	14	14	210	0.5	1.05			
14	14	210	0.5	1.05	14	14	210	0.5	1.05	14	14	210
14	14	210	0.5	1.05	14	14	210	0.5	1.05	14	14	210
14	14	210	2	4.2	14	14	210	0.5	1.05	14	14	210
14	14	210	2	4.2	14	14	210	2	4.2	14	14	210
14	14	210	2	4.2	14	14	210	2	4.2	14	14	210
14	14	210	2	4.2	14	14	210	2	4.2	14	14	210
14	14	210	4	8.4	14	14	210	2	4.2	14	14	210
14	14	210	4	8.4	14	14	210	4	8.4	14	14	210
14	14	210	4	8.4	14	14	210	4	8.4	14	14	210
14	14	210	4	8.4	14	14	210	4	8.4	14	14	210
14	14	210	6.5	13.65	14	14	210	4	8.4	14	14	210
14	14	210	6.5	13.65	14	14	210	6.5	13.7	14	14	210
14	14	210	6.5	13.65	14	14	210	6.5	13.7	14	14	210
14	14	210	6.5	13.65	14	14	210	6.5	13.7	14	14	210
14	14	210	9	18.9	14	14	210	6.5	13.7	14	14	210
14	14	210	9	18.9	14	14	210	9	18.9	14	14	210
14	14	210	9	18.9	14	14	210	9	18.9	14	14	210
14	14	210	9	18.9	14	14	210	9	18.9	14	14	210
					14	14	210	9	18.9	14	14	210
										14	14	210

Last Modified:

10/30/2002

Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Number of Ponds
0.5	1.05											
0.5	1.05	14	14	210	0.5	1.05						
0.5	1.05	14	14	210	0.5	1.05	14	14	210	0.5	1.05	
0.5	1.05	14	14	210	0.5	1.05	14	14	210	0.5	1.05	14
2	4.2	14	14	210	0.5	1.05	14	14	210	0.5	1.05	14
2	4.2	14	14	210	2	4.2	14	14	210	0.5	1.05	14
2	4.2	14	14	210	2	4.2	14	14	210	2	4.2	14
2	4.2	14	14	210	2	4.2	14	14	210	2	4.2	14
4	8.4	14	14	210	2	4.2	14	14	210	2	4.2	14
4	8.4	14	14	210	4	8.4	14	14	210	2	4.2	14
4	8.4	14	14	210	4	8.4	14	14	210	4	8.4	14
4	8.4	14	14	210	4	8.4	14	14	210	4	8.4	14
6.5	13.7	14	14	210	4	8.4	14	14	210	4	8.4	14
6.5	13.7	14	14	210	6.5	13.65	14	14	210	4	8.4	14
6.5	13.7	14	14	210	6.5	13.65	14	14	210	6.5	13.7	14
6.5	13.7	14	14	210	6.5	13.65	14	14	210	6.5	13.7	14
9	18.9	14	14	210	6.5	13.65	14	14	210	6.5	13.7	14
9	18.9	14	14	210	9	18.9	14	14	210	6.5	13.7	14
9	18.9	14	14	210	9	18.9	14	14	210	9	18.9	14
9	18.9	14	14	210	9	18.9	14	14	210	9	18.9	14
		14	14	210	9	18.9	14	14	210	9	18.9	14
							14	14	210	9	18.9	14

Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Total Daily Water Use
									1
									2
									3
									4
									6
									11
									14
14	210	0.5	1.05						18
14	210	0.5	1.05	7	7	105	0.5	0.525	24
14	210	0.5	1.05	7	7	105	0.5	0.525	31
14	210	0.5	1.05	7	7	105	0.5	0.525	35
14	210	2	4.2	7	7	105	0.5	0.525	43
14	210	2	4.2	7	7	105	2	2.1	51
14	210	2	4.2	7	7	105	2	2.1	60
14	210	2	4.2	7	7	105	2	2.1	66
14	210	4	8.4	7	7	105	2	2.1	75
14	210	4	8.4	7	7	105	4	4.2	85
14	210	4	8.4	7	7	105	4	4.2	96
14	210	4	8.4	7	7	105	4	4.2	101
14	210	6.5	13.65	7	7	105	4	4.2	111
14	210	6.5	13.65	7	7	105	6.5	6.825	110
14	210	6.5	13.65	7	7	105	6.5	6.825	96
14	210	6.5	13.65	7	7	105	6.5	6.825	77
14	210	9	18.9	7	7	105	6.5	6.825	64
14	210	9	18.9	7	7	105	9	9.45	47
14	210	9	18.9	7	7	105	9	9.45	28

Mi	39	14	14	210	9	18.9
	40					
	41					
June	42					
	43					

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Last Modified: 10/30/2002

Area 3 Pon

Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML	Average % exchanged per day	Average ML exchanged / day	Number of Ponds	Number of hectares stocked	Total volume stocked ML
14	14	210	0.5	1.05								
14	14	210	0.5	1.05	14	14	210	0.5	1.05			
14	14	210	0.5	1.05	14	14	210	0.5	1.05	7	7	105
14	14	210	0.5	1.05	14	14	210	0.5	1.05	7	7	105
14	14	210	2	4.2	14	14	210	0.5	1.05	7	7	105
14	14	210	2	4.2	14	14	210	2	4.2	7	7	105
14	14	210	2	4.2	14	14	210	2	4.2	7	7	105
14	14	210	2	4.2	14	14	210	2	4.2	7	7	105
14	14	210	4	8.4	14	14	210	2	4.2	7	7	105
14	14	210	4	8.4	14	14	210	4	8.4	7	7	105
14	14	210	4	8.4	14	14	210	4	8.4	7	7	105
14	14	210	4	8.4	14	14	210	4	8.4	7	7	105
14	14	210	6.5	13.65	14	14	210	4	8.4	7	7	105
14	14	210	6.5	13.65	14	14	210	6.5	13.65	7	7	105
14	14	210	6.5	13.65	14	14	210	6.5	13.65	7	7	105
14	14	210	6.5	13.65	14	14	210	6.5	13.65	7	7	105
14	14	210	9	18.9	14	14	210	6.5	13.65	7	7	105
14	14	210	9	18.9	14	14	210	9	18.9	7	7	105

14 14 210 9 18.9
14 14 210 9 18.9

14 14 210 9 18.9
14 14 210 9 18.9
14 14 210 9 18.9

7 7 105
7 7 105
7 7 105
7 7 105

id Exchange Calculations

Average % exchanged per day

Average ML exchanged / day

Total Daily Water Use

		1
		2
		3
		4
0.5	0.53	6
0.5	0.53	9
0.5	0.53	12
0.5	0.53	15
2	2.1	19
2	2.1	23
2	2.1	27
2	2.1	32
4	4.2	36
4	4.2	41
4	4.2	47
4	4.2	52
6.5	6.83	57
6.5	6.83	62
6.5	6.83	68
6.5	6.83	73

9 9.45
9 9.45
9 9.45
9 9.45

66
47
28
9
0