



## Appendix 8-A Additional IQQM Model Results

**Table A-1 Dawson River Supplementary Scheme Level of Service Analysis, Existing ROP Scenario**

Upper Dawson Medium Priority Scenario EO (Existing operation base case)								
Median Monthly Reliability (%)	Level of Water Availability	Annual Frequency of Equally or Exceeding each Level of Water Availability (AEP [%] & ARI [1 in ... years])					Long-term percentage duration of time less than or equal to specified levels of water availability	Maximum duration of periods less than or equal to specified levels of water availability (days)
		At Start of the Water Year	End of 1st Quarter	End of 2nd Quarter	End of 3rd Quarter	End of 4th Quarter		
83	100% nominal volume	NA	4.2%	62.5%	84.4%	86.5%	100.0%	35063
		NA	1 in 24.0 years	1 in 1.6 years	1 in 1.2 years	1 in 1.2 years	35,063 days	
	90% nominal volume	NA	5.1%	79.2%	89.7%	91.5%	48.6%	911
		NA	1 in 19.6 years	1 in 1.3 years	1 in 1.1 years	1 in 1.1 years	17,058 days	
	50% nominal volume	2.0%	54.2%	92.2%	95.6%	96.6%	31.6%	515
1 in 49.5 years	1 in 1.8 years	1 in 1.1 years	1 in 1.0 years	1 in 1.0 years	11,090 days			
10% nominal volume	66.7%	93.0%	99.3%	99.3%	99.3%	8.1%	455	
	1 in 1.5 years	1 in 1.1 years	1 in 1.0 years	1 in 1.0 years	1 in 1.0 years	2,825 days		
0% nominal volume	100.0%	100.0%	100.0%	100.0%	100.0%	4.5%	455	
	1 in 1.0 years	1 in 1.0 years	1 in 1.0 years	1 in 1.0 years	1 in 1.0 years	1,565 days		

Table A-1

Upper Dawson Medium -A Priority Scenario EO (Existing operation base case)								
Median Monthly Reliability (%)	Level of Water Availability	Annual Frequency of Equally or Exceeding each Level of Water Availability (AEP [%] & ARI [1 in ... years])					Long-term percentage duration of time less than or equal to specified levels of water availability	Maximum duration of periods less than or equal to specified levels of water availability (days)
		At Start of the Water Year	End of 1st Quarter	End of 2nd Quarter	End of 3rd Quarter	End of 4th Quarter		
89	100% nominal volume	1.0% 1 in 96.0 years	29.2% 1 in 3.4 years	80.2% 1 in 1.2 years	90.6% 1 in 1.1 years	91.7% 1 in 1.1 years	100.0% 35,063 days	35063
	90% nominal volume	1.4% 1 in 73.1 years	39.1% 1 in 2.6 years	84.4% 1 in 1.2 years	92.7% 1 in 1.1 years	94.8% 1 in 1.1 years	39.5% 13,856 days	881
	50% nominal volume	24.7% 1 in 4.0 years	75.3% 1 in 1.3 years	96.5% 1 in 1.0 years	97.4% 1 in 1.0 years	97.5% 1 in 1.0 years	21.5% 7,545 days	455
	10% nominal volume	85.8% 1 in 1.2 years	97.3% 1 in 1.0 years	100.0% 1 in 1.0 years	NA NA	NA NA	3.3% 1,170 days	240
	0% nominal volume	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	NA NA	NA NA	NA NA	2.9% 1,020 days	150

Table A-1

Lower Dawson Medium Priority Scenario EO (Existing operation base case)								
Median Monthly Reliability (%)	Level of Water Availability	Annual Frequency of Equally or Exceeding each Level of Water Availability (AEP [%] & ARI [1 in ... years])					Long-term percentage duration of time less than or equal to specified levels of water availability	Maximum duration of periods less than or equal to specified levels of water availability (days)
		At Start of the Water Year	End of 1st Quarter	End of 2nd Quarter	End of 3rd Quarter	End of 4th Quarter		
90	100% nominal volume	1.0% 1 in 96.0 years	39.6% 1 in 2.5 years	84.4% 1 in 1.2 years	90.6% 1 in 1.1 years	92.7% 1 in 1.1 years	100.0% 35,063 days	35063
	90% nominal volume	1.4% 1 in 71.4 years	51.0% 1 in 2.0 years	86.5% 1 in 1.2 years	92.7% 1 in 1.1 years	93.1% 1 in 1.1 years	37.2% 13,057 days	911
	50% nominal volume	25.0% 1 in 4.0 years	74.0% 1 in 1.4 years	94.1% 1 in 1.1 years	96.3% 1 in 1.0 years	97.2% 1 in 1.0 years	22.0% 7,725 days	455
	10% nominal volume	92.1% 1 in 1.1 years	97.5% 1 in 1.0 years	99.6% 1 in 1.0 years	99.7% 1 in 1.0 years	99.7% 1 in 1.0 years	2.8% 995 days	455
	0% nominal volume	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	2.7% 935 days	455

**Table A-2 Dawson River Supplementary Scheme Level of Service Analysis, POC (6,500ML/yr) Scenario**

Upper Dawson Medium Priority Scenario POC (With 6500 ML/year additional HP yield)								
Median Monthly Reliability (%)	Level of Water Availability	Annual Frequency of Equally or Exceeding each Level of Water Availability (AEP [%] & ARI [1 in ... years])					Long-term percentage duration of time less than or equal to specified levels of water availability	Maximum duration of periods less than or equal to specified levels of water availability (days)
		At Start of the Water Year	End of 1st Quarter	End of 2nd Quarter	End of 3rd Quarter	End of 4th Quarter		
84	100% nominal volume	NA	4.2%	80.2%	89.6%	91.7%	100.0%	35063
		NA	1 in 24.0 years	1 in 1.2 years	1 in 1.1 years	1 in 1.1 years	35,063 days	
	90% nominal volume	NA	23.6%	82.4%	91.8%	92.8%	43.0%	881
		NA	1 in 4.2 years	1 in 1.2 years	1 in 1.1 years	1 in 1.1 years	15,066 days	
	50% nominal volume	9.4%	56.3%	94.9%	96.2%	97.0%	28.8%	455
1 in 10.7 years	1 in 1.8 years	1 in 1.1 years	1 in 1.0 years	1 in 1.0 years	10,095 days			
10% nominal volume	69.3%	88.5%	99.1%	99.3%	99.3%	9.3%	455	
1 in 1.4 years	1 in 1.1 years	1 in 1.0 years	1 in 1.0 years	1 in 1.0 years	3,275 days			
0% nominal volume	100.0%	100.0%	100.0%	100.0%	100.0%	5.1%	455	
1 in 1.0 years	1 in 1.0 years	1 in 1.0 years	1 in 1.0 years	1 in 1.0 years	1,805 days			

Table A-2

Upper Dawson Medium - A Priority Scenario POC (With 6500 ML/year additional HP yield)								
Median Monthly Reliability (%)	Level of Water Availability	Annual Frequency of Equally or Exceeding each Level of Water Availability (AEP [%] & ARI [1 in ... years])					Long-term percentage duration of time less than or equal to specified levels of water availability	Maximum duration of periods less than or equal to specified levels of water availability (days)
		At Start of the Water Year	End of 1st Quarter	End of 2nd Quarter	End of 3rd Quarter	End of 4th Quarter		
89	100% nominal volume	1.0% 1 in 96.0 years	34.4% 1 in 2.9 years	84.4% 1 in 1.2 years	91.7% 1 in 1.1 years	92.7% 1 in 1.1 years	100.0% 35,063 days	35063
	90% nominal volume	1.4% 1 in 69.3 years	42.2% 1 in 2.4 years	85.7% 1 in 1.2 years	93.1% 1 in 1.1 years	95.1% 1 in 1.1 years	36.5% 12,806 days	881
	50% nominal volume	30.2% 1 in 3.3 years	75.5% 1 in 1.3 years	96.5% 1 in 1.0 years	97.4% 1 in 1.0 years	97.6% 1 in 1.0 years	20.7% 7,245 days	455
	10% nominal volume	84.7% 1 in 1.2 years	95.1% 1 in 1.1 years	99.7% 1 in 1.0 years	99.8% 1 in 1.0 years	99.9% 1 in 1.0 years	4.2% 1,475 days	455
	0% nominal volume	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	NA NA	NA NA	3.9% 1,350 days	240

Table A-2

Lower Dawson Medium Priority Scenario POC (With 6500 ML/year additional HP yield)								
Median Monthly Reliability (%)	Level of Water Availability	Annual Frequency of Equally or Exceeding each Level of Water Availability (AEP [%] & ARI [1 in ... years])					Long-term percentage duration of time less than or equal to specified levels of water availability	Maximum duration of periods less than or equal to specified levels of water availability (days)
		At Start of the Water Year	End of 1st Quarter	End of 2nd Quarter	End of 3rd Quarter	End of 4th Quarter		
90	100% nominal volume	1.0% 1 in 96.0 years	43.8% 1 in 2.3 years	85.4% 1 in 1.2 years	90.6% 1 in 1.1 years	92.7% 1 in 1.1 years	100.0% 35,063 days	35063
	90% nominal volume	1.4% 1 in 71.4 years	52.1% 1 in 1.9 years	86.7% 1 in 1.2 years	92.2% 1 in 1.1 years	93.2% 1 in 1.1 years	36.8% 12,907 days	911
	50% nominal volume	27.1% 1 in 3.7 years	75.7% 1 in 1.3 years	94.1% 1 in 1.1 years	96.2% 1 in 1.0 years	97.0% 1 in 1.0 years	21.3% 7,485 days	455
	10% nominal volume	91.3% 1 in 1.1 years	97.5% 1 in 1.0 years	99.3% 1 in 1.0 years	99.5% 1 in 1.0 years	99.7% 1 in 1.0 years	3.1% 1,085 days	455
	0% nominal volume	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	100.0% 1 in 1.0 years	2.8% 965 days	455

**Table A-3 Dawson River Unsupplementary Scheme Performance Indicator Results Per Reach, POC (6,500ML/yr) Scenario**

Water Management Area	IQQM Node No.	Demand Location/Description	Reaches	WRP Mandatory Unsupplemented WASOs			On-Farm Storage Demand (ML)	Off-Allocation Diversion ML/a	Onto crop from OFS Diversion ML/a	Days of Opportunity			Off-Allocation Diversion		Onto crop from OFS Diversion		Days of Opportunity					
				30th %ile year	50th %ile year	75th %ile year				30%ile (Wettest Year)	50%ile (Wettest Year)	75%ile (Wettest Year)	ML/a	Variance from EO (%)	ML/a	Variance from EO (%)	30%ile (Wettest Year)		50%ile (Wettest Year)		75%ile (Wettest Year)	
																	Indicator	Variance from EO (%)	Indicator	Variance from EO (%)	Indicator	Variance from EO (%)
							<b>EO Case (Existing operation base case)</b>						<b>POC (With 6500 ML/year additional HP yield)</b>									
Dawson A, B	123	DB+DA: WH 15 cumec	Fitzroy River junction to Don River Junction	<b>No WRP Objectives available</b>	764	1011.8	622.8	22	20	17	1009.1	-0.27%	621.2	-0.26%	22	0	20	0	17	0		
	124	DB+DA: 30 cumec			7314	8819.7	5477.9	21	18	14	8781.7	-0.43%	5453.9	-0.44%	21	0	18	0	13	-1		
Dawson C, D, E	115	DD: WH 15 cumec	Don River junction to Mimosa Creek junction		4056	4548.1	2813.5	21	17	12	4502.9	-0.99%	2783.8	-1.06%	21	0	17	0	11	-1		
	122	DD: WH 30 cumec			2310	2357.6	1454.6	20	16	9	2338.5	-0.81%	1443.2	-0.78%	20	0	16	0	10	1		
	131	DE: WH 15 cumec			1428	1602.0	994.0	21	18	12	1586.6	-0.96%	983.6	-1.05%	21	0	18	0	11	-1		
	132	DE: WH 30 cumec			1188	1216.0	749.4	21	16	9	1205.7	-0.85%	743.3	-0.81%	20	-1	16	0	10	1		
	254	DC: WH 15 cumec			1650	1846.8	1140.9	21	18	12	1829.5	-0.94%	1129.2	-1.03%	21	0	18	0	11	-1		
	255	DC: EH 30 cumec			432	441.8	242.6	20	16	9	437.9	-0.88%	270.2	11.38%	20	0	16	0	10	1		
Dawson F, G	018	Back Creek WH	Mimosa Creek junction to effective upstream limit of Moura Weir		390	362.8	260.6	20	16	6	359.2	-0.99%	257.9	-1.04%	20	0	16	0	6	0		
	112	DF: WH 15 cumec			396	391.1	240.0	20	17	6	387.1	-1.02%	237.3	-1.13%	20	0	17	0	6	0		
	120	DG: WH 15 cumec			5803	5609.6	3447.5	19	16	5	5540.4	-1.23%	3404.3	-1.25%	19	0	16	0	5	0		
	121	DF: WH 30 cumec			858	769.3	470.8	19	15	5	761.9	-0.96%	466.2	-0.98%	19	0	15	0	5	0		
Dawson H, I	107	DH: WH 15 cumec	Effective upstream limit of Moura Weir to effective upstream limit of Theodore Weir		7430	7858.3	4854.7	20	17	8	7709.4	-1.89%	4757.7	-2.00%	20	0	17	0	8	0		
	117	DI: WH 15 cumec			1489	1627.2	1005.7	21	18	9	1592.2	-2.15%	982.5	-2.31%	20	-1	18	0	9	0		
	118	DI: WH 30 cumec			567	547.1	334.0	20	16	7	539.8	-1.33%	329.2	-1.44%	20	0	16	0	6	-1		
	119	DH: WH 30 cumec			1452	1403.1	860.8	20	15	7	1385.8	-1.23%	849.2	-1.35%	19	-1	15	0	6	-1		
Dawson J	037	DJ: WH 15 cumec	Effective upstream limit of Theodore Weir to Orange Creek Weir		5772	7305.1	4528.8	22	19	14	7177.8	-1.74%	4447.4	-1.80%	22	0	19	0	14	0		
	038	DJ: WH 30 cumec			1725	1888.3	1166.3	20	17	9	1857.9	-1.61%	1146.2	-1.72%	20	0	17	0	9	0		
Dawson K	104	DK: WH 15 cumec	Orange Creek Weir to effective upstream limit of Gyranada Weir		824	901.6	556.6	21	17	11	880.7	-2.32%	543.9	-2.28%	21	0	17	0	10	-1		
Dawson L, M	101	DM: WH 15 cumec	Effective upper limit Gyranada Weir to upstream limit of Glebe Weir		270	300.2	188.0	22	18	10	294.3	-1.97%	184.3	-1.97%	22	0	18	0	9	-1		

Note: Node 126 is not included for comparison due to differences in diversion rules. The rules affecting Node 126 rely on area-based diversion instead of volume-based, and only seem restricted by the pump capacity of 1.06 ML/d  
Node 126 does not appear to have on-farm storage, and has a total arable area of 16 ha.



**Table A-4 Lower Fitzroy River WASO and EFO results, EO Existing ROP Scenario**

<b>LOWER FITZROY - EO_SW53A (Base Case)</b>	
<i>Analysed Against Objectives Contained in the Water Resource (Fitzroy Basin) Plan (1999)</i>	
<b>Case Description:</b>	<b>I-C EO Case (02A) + NM EO Case (049C) + EO (31B) No Additional Lower Fitzroy Yield</b>
<b>Included Infrastructure:</b>	<b>Existing System</b>

<b>Water Allocation Security Objective Supplemented</b>			
<b>HIGH PRIORITY</b>	<b>Model Node Number</b>	<b>Mandatory Objective Monthly Reliability %</b>	<b>Case Results Monthly Reliability %</b>
URBAN (EDEN BANN)	162		100
RSC	003		99.5
STANWELL LOSSES	165		99.4
STANWELL LOSSES	166		99.5
FISHWAY	163		79.9
ADDITIONAL GAWB			
MEDIAN ANNUAL RELIABILITY			96.8
WEIGHTED MEAN ANNUAL RELIABILITY			91.8
MEDIAN MONTHLY RELIABILITY		95 - 100	99.5
WEIGHTED MEAN MONTHLY RELIABILITY			97.9

  

<b>MEDIUM PRIORITY</b>	<b>Model Node Number</b>	<b>Mandatory Objective Monthly Reliability %</b>	<b>Case Results Monthly Reliability %</b>
FITZROY C IRRIGATION	056		97.4
FITZROY B IRRIGATION	058		97.3
FITZROY A IRRIGATION	164		96.9
MEDIAN ANNUAL RELIABILITY			86.3
WEIGHTED MEAN ANNUAL RELIABILITY			86.3
MEDIAN MONTHLY RELIABILITY		82 - 88	97
WEIGHTED MEAN MONTHLY RELIABILITY			97

  

<b>STORAGE DATA SUMMARY</b>	
System Contingency Volume (Minimum Combined Storage Volume of All Storages in the Simulation Period [ML])	0

<b>Environmental Flow Objective</b>				
<b>LOCATION</b>	<b>Mandatory Objective</b>	<b>Optional Objective</b>	<b>Fitzroy River at Barrage</b>	<b>Fitzroy River at Eden Bann Weir</b>
			<b>Node 0</b>	<b>Node 1</b>
<b>SEASONAL BASE FLOW OBJECTIVE</b>				
Jan-Apr	N/A	0.8-1.2	0.9	0.9
May-Aug	N/A	0.8-1.2	0.8	1.0
Sep-Dec	N/A	0.8-1.2	0.7	0.9
<b>FIRST POST WINTER FLOW OBJECTIVE</b>				
No. of FPWF	80%	N/A	93%	96%
No. Flow within 2 Weeks of PD Case	50%	N/A	63%	66%
No. Flow within 4 Weeks of PD Case	70%	N/A	72%	75%
Average Flow Volume	70%	N/A	89%	
Average Peak Volume	70%	N/A		77%
Flow Duration (2-times base flow)	70%	N/A	93%	96%
Flow Duration (5-times base flow)	70%	N/A	89%	84%
<b>MEDIUM TO HIGH FLOW EVENT OBJECTIVES</b>				
Mean Annual Flow	77%	74%	82%	
Median Annual Flow	50%	50%	70%	
Marine and Estuarine Process Statistic	80%	-	86%	
Flood Plain Zone Statistic	70%	70%	75%	
Upper Riparian Zone Statistic	80%	85%	84%	
In-channel Riparian Zone Statistic	75%	75%	88%	
Channel Morphology Statistic	65%	65%	84%	
Fish Species Diversity Statistic	3.0	3.0	2.1	

  

<b>Description</b>	<b>Colour Code</b>
All WRP Targets Achieved	Green
WRP Mandatory Objectives passed and/or Optional Objectives not Achieved	Yellow
Mandatory WRP Objectives Failed	Red
Objectives are Not Applicable to this Node	Grey

<b>Water Allocation Security Objective Unsupplemented</b>									
<b>WATER ALLOCATION GROUP</b>	<b>Model Node Number</b>	<b>MAD (ML/a)</b>	<b>MAD to On Farm Storage (ML/a)</b>	<b>Mandatory Objective</b>			<b>Case Results</b>		
				<b>30%ile Year (days)</b>	<b>50%ile Year (days)</b>	<b>75%ile Year (days)</b>	<b>30%ile Year (days)</b>	<b>50%ile Year (days)</b>	<b>75%ile Year (days)</b>
<b>Class 5A</b>	017	2506	1770.2	72	45	22	72	72	43
	018	3302	2336.1				72	72	43
	057	2894	2050.7				72	72	42
	059	2444	1732.5				72	72	42
	167	25865	18267.3				72	72	42
<b>Class 5B</b>	009	7624	6352	42	35	21	42	39	31
	050	3107	N/A				129	127	116
<b>Class 6C</b>	051	561	N/A	102	98	95	122	113	98
	278*	1129	N/A				97	88	71
	053	2964	N/A				128	126	115
	054	1150	N/A				125	116	101
	240*	4858	N/A				68	56	40
<b>Class 7D</b>	052	1619	N/A	70	58	47	116	107	88
	055	1365	N/A				116	105	87
	060*	4267	2998.1				83	71	47

\* Denotes Water Harvestors that are Located on Unregulated Tributaries

**Table A-5 Lower Fitzroy River WASO and EFO results, POC (6,500ML/yr) Scenario**

LOWER FITZROY - POC SW52A (Base Case)									
Analysed Against Objectives Contained in the Water Resource (Fitzroy Basin) Plan (1999)									
<b>Case Description:</b>		<b>I-C (02A) + NM EO Case (049C) + POC No Additional Lower Fitzroy Yield</b>							
<b>Included Infrastructure: Existing System</b>									
Water Allocation Security Objective Supplemented									
HIGH PRIORITY	Model Node Number	Mandatory Objective Monthly Reliability %	Case Results Monthly Reliability %						
URBAN (EDEN BANN)	162		100						
RSC	003		99.5						
STANWELL LOSSES	165		99.4						
STANWELL LOSSES	166		99.5						
FISHWAY	163		79.8						
ADDITIONAL GAWB									
MEAN ANNUAL RELIABILITY			96.8						
WEIGHTED MEAN ANNUAL RELIABILITY			91.8						
MEAN MONTHLY RELIABILITY		95 - 100	99.5						
WEIGHTED MEAN MONTHLY RELIABILITY			97.9						
MEDIUM PRIORITY	Model Node Number	Mandatory Objective Monthly Reliability %	Case Results Monthly Reliability %						
FITZROY C IRRIGATION	056		97.4						
FITZROY B IRRIGATION	058		97.3						
FITZROY A IRRIGATION	164		96.9						
MEAN ANNUAL RELIABILITY			86.3						
WEIGHTED MEAN ANNUAL RELIABILITY			86.3						
MEAN MONTHLY RELIABILITY		82 - 88	97						
WEIGHTED MEAN MONTHLY RELIABILITY			97						
STORAGE DATA SUMMARY									
System Contingency Volume (Minimum Combined Storage Volume of All Storages in the Simulation Period [ML])			0						
Environmental Flow Objective									
LOCATION	Mandatory Objective	Optional Objective	Fitzroy River at Barrage Node 0	Fitzroy River at Eden Bann Weir Node 1					
SEASONAL BASE FLOW OBJECTIVE									
Jan-Apr	N/A	0.8-1.2	0.9	0.9					
May-Aug	N/A	0.8-1.2	0.8	1.0					
Sep-Dec	N/A	0.8-1.2	0.7	0.9					
FIRST POST WINTER FLOW OBJECTIVE									
No. of FPWF	80%	N/A	83%	95%					
No. Flow within 2 Weeks of PD Case	50%	N/A	63%	65%					
No. Flow within 4 Weeks of PD Case	70%	N/A	72%	74%					
Average Flow Volume	70%	N/A	69%						
Average Peak Volume	70%	N/A		77%					
Flow Duration (2-times base flow)	70%	N/A	93%	96%					
Flow Duration (5-times base flow)	70%	N/A	89%	82%					
MEDIUM TO HIGH FLOW EVENT OBJECTIVES									
Mean Annual Flow	77%	74%	82%						
Median Annual Flow	50%	50%	70%						
Marine and Estuarine Process Statistic	80%	-	86%						
Flood Plain Zone Statistic	70%	70%	75%						
Upper Riparian Zone Statistic	80%	85%	84%						
In-channel Riparian Zone Statistic	75%	75%	86%						
Channel Morphology Statistic	65%	65%	84%						
Fish Species Diversity Statistic	3.0	3.0	2.1						
Description				Colour Code					
All WRP Targets Achieved									
WRP Mandatory Objectives passed and/or Optional Objectives not Achieved									
Mandatory WRP Objectives Failed									
Objectives are Not Applicable to this Node									
Water Allocation Security Objective Unsupplemented									
WATER ALLOCATION GROUP	Model Node Number	MAD (ML/a)	MAD to On Farm Storage (ML/a)	Mandatory Objective			Case Results		
				30%ile Year (days)	50%ile Year (days)	75%ile Year (days)	30%ile Year (days)	50%ile Year (days)	75%ile Year (days)
Class 5A	017	2502	1767.2	72	45	22	72	72	43
	018	3297	2332.3				72	72	43
	057	2889	2047.1				72	72	42
	059	2440	1729.6				72	72	42
	167	25814	18230.3				72	72	38
Class 5B	009	7621	5349.8	42	35	21	42	39	31
	050	3104	N/A				129	127	116
Class 6C	051	560	N/A	102	98	95	122	113	98
	278*	1129	N/A				97	88	71
	053	2960	N/A				128	126	115
	054	1148	N/A				125	116	101
	240*	4858	N/A				63	55	40
	052	1616	N/A				116	106	88
Class 7D	055	1363	N/A	70	58	47	116	105	87
	060*	4266	2996.9				83	71	47

\* Denotes Water Harvestors that are Located on Unregulated Tributaries