Estimates Committee 2006 Questions Taken On Notice

(20/06/2006 to 31/08/2006)

Date: 23/06/2006 Output: Power & Water

Corporation

Sub Output:

Subject: Production Bores - Darwin Rural Area

From:Mr Gerry Wood to Power and Water Corporation

Power and Water Corporation

11-2

Question: What have been the production rates from bores, that is production bores,

in the rural area over the last five years? If possible, could you provide

rates from individual bores?

Answer:

Answered On: 15/06/2006

Answer:

 \cdot Power and Water has a single extraction licence for the five production bores in the rural area totalling 8 420 ML/annum.

- · Over the last five years Power and Water has drawn on average 2500 ML of the total licensed extraction of 8 420 ML. This equates to 30% of allowable extraction per year. In other terms, over the last five years an addition 29 600 ML of water may have been extracted, but was not.
- · Of the total extraction estimated by the Department of Natural Resources, Environment and the Arts in the rural area horticulture uses about 60% (13 000ML) and rural residential 25% (5 500ML). Power and Water's extraction represents only 15% of the total.
- · Power and Water's license for each of the bores in the rural area outlines a value for maximum pumping rate, weekly extraction, monthly extraction and annual extraction. Each time period limit is less than the previous, that is continuous operation on a weekly basis would exceed monthly extraction, and continuous operation on a monthly basis would exceed annual extraction.
- · Operationally Power and Water has a preference for minimising bore start and stop cycles (as these are a major factor in pump life) and optimising energy costs by drawing preferentially from more efficient bores. It is understood the Department of Natural Resources, Environment and the Arts also has preference for encouraging extraction from bores further removed from rural residential areas, although this has not translated into controls over rural residential development adjacent to production bores.
- · Of the licensed extraction for each individual bore over the last five years

(30 records), one bore (M62) exceeded the annual licensed extraction of 1020 ML by 22 ML (or 2%) in 2004/05.

- * Of the licensed extraction for each individual bore over the last five years, a number of bores exceeded the monthly licensed extraction on 29 occasions, about 10% of monthly figures reported.
- · Power and Water reports monthly extractions to the Controller of Water Resources on a regular basis. Over the last twelve months Power and Water has engaged in a range of discussions with the Controller on the current license structure and the present operational constraints for the borefield. It has been agreed with the Controller that a new license will be negotiated in conjunction with the proposed extension of Howard East Borefield Stage 2, to address operational concerns of both Power and Water and the Department of Natural Resources, Environment and the Arts.

See also attached Excel document.

	Units =Kltrs	2002/2003 Hep1	2003/2004 Hep1	2004/2005 Hep1	2005/2006 Hep1	Limit	Limit			
	2001/2002 Hep1					monthly amount (kL)	Licenced			
							amount per year (kL)			
uly	0.00	0.00	83,338.90	0.00	0.00			2001/2002	106.38	1300
August September	0.00	0.00 41,140.00	36,046.80 59,425.90	0.00	0.00	-		2002/2003 2003/2004	595.34 550.98	1300 1300
October	0.00	87,660.00	0.00	49,017.00	31,463.00	1		2003/2004	127.91	1300
lovember	0.00	72,469.00	2,471.00	72,061.00	0.00	1		2005/2006	31.46	1300
December	0.00	53,538.00	0.00	3,408.00	0.00	110,000	1,300,000			
anuary	0.00	68,639.00	0.00	0.00	0.00	110,000	1,500,000			
ebruary March	0.00	72,959.00 2,074.12	73,231.00 116,692.00	0.00	0.00	-				
pril	0.00	5,881.88	87,758.00	3,420.00	0.00	_				
May	89,771.00	93.766.00	92,016.00	0.00	0.00	-				
une	16,607.00	97,210.10	0.00	0.00	0.00					
OTAL	106,378	595,337	550,980	127,906	31,463					
	Hep2	Hep2	Hep2	Hep2	Hep2			_		
uly	0.00	10,326.05	31,646.00	116,186.00	374.00			2001/2002	106.378	138
ugust	0.00	0.00	93,992.70 139,287.70	61,935.90 0.00	5,638.00 73,483.00	_		2002/2003 2003/2004	84.217	1380 1380
eptember ectober	0.00	0.00	116,305.00	0.00	75,311.00	-		2003/2004	1019.881 319.39	138 138
ovember	0.00	0.00	99,565.00	0.00	69,888.00			2005/2006	617.528	
ecember	0.00	0.00	81,696.00	0.00	2,073.00	120.000	1.380.000			
anuary	0.00	0.00	113,457.70	0.00	0.00	120,000	1,300,000			
ebruary	0.00	0.00	37,061.00	0.00	68,821.00	⊣				
larch pril	0.00	0.00	0.00 58,547.00	0.00 23,328.00	121,445.00 110,476.00	-				
prii lay	89,771.00	0.00	125,637.00	85,906.90	90,019.00	⊣ !				
une	16,607.00	73,891.30	122,686.00	32,033.00	00,010.00					
TOTAL	106,378	84,217	1,019,881	319,390	617,528					
	M64	M64	M64	M64	M64			7		
uly	0.00	0.00	102,002.00	1,262.00	0	_		2001/2002	271.657	1550
ugust eptember	117,953.00 98.962.00	0.00	60,413.00 11,686.00	0.00	0	_		2002/2003 2003/2004	14.999 540.836	155 155
ctober	0.00	0.00	108,661.00	0.00	0	-		2003/2004	6.059	155
ovember	0.00	0.00	56,828.00	0.00	0			2005/2006	0	155
ecember	54,742.00	0.00	0.00	0.00	0	140,000	1,550,000			
anuary	0.00	0.00	0.00	0.00	0		1,000,000			
ebruary	0.00	0.00	0.00	0.00	0	_				
larch pril	0.00	0.00	62,119.00	0.00 4,797.00	0	_				
lay	0.00	0.00	5,467.00	0.00	0					
une	0.00	14,999.00	133,660.00	0.00						
OTAL	271,657	14,999	540,836	6,059	0					
	M62	M62	M62	M62	M62			-		
uly	0.00	0.00	0.00	141,776.00	149,644.00	_		2001/2002		102
lugust September	111,005.00 0.00	0.00	71,348.98 2,721.00	147,200.00 147,262.00	126,751.00 99,037.00	_		2002/2003 2003/2004	8.638 110.377	102
ctober	0.00	0.00	12,724.00	140,562.00	88,645.00	_		2003/2004	1042.2	102 102
ovember	0.00	0.00	12,805.00	33,570.00	77,432.00			2005/2006	612.27	102
ecember	0.00	0.00	0.00	0.00	0.00	90,000	1,020,000			
anuary	0.00	0.00	0.00	0.00	0.00	30,000	1,020,000			
ebruary	0.00	0.00	0.00	0.00	0.00	_				
larch pril	0.00	0.00	0.00	0.00		-				
lay										
	0.00		0.00	117,421.00 162,793.00	3,343.00	-				
une	0.00	0.00	0.00	117,421.00 162,793.00 151,616.00		1				
	0.00 0.00 111,005			162,793.00	3,343.00					
OTAL	0.00 111,005 M54	0.00 8,638.00 8,638 M54	0.00 10,778.00 110,377 M54	162,793.00 151,616.00 1,042,200 M54	3,343.00 67,418.00 612,270 M54] ,		
OTAL	0.00 111,005 M54 0.00	0.00 8,638.00 8,638 M54 237,277.00	0.00 10,778.00 110,377 M54 178,106.00	162,793.00 151,616.00 1,042,200 M54 62,078.40	3,343.00 67,418.00 612,270 M54 173,288.00			2001/2002		
OTAL uly ugust	0.00 111,005 M54 0.00 209,874.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00			2002/2003	1069.766	215
uly ugust eptember	0.00 111,005 M54 0.00 209,874.00 207,907.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00			2002/2003 2003/2004	1069.766 762.441	215 215
oTAL uly ugust eptember ctober	0.00 111,005 M54 0.00 209,874.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00			2002/2003 2003/2004 2004/2005	1069.766	215 215 215
otal uly ugust eptember ctober ovember	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.80	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00	190.000	2 150 000	2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537	215 215 215
uly ugust eptember ctober ovember ecember anuary	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00	162,793,00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 174,862.80 174,862.80	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 169,425.00 164,746.87	190,000	2,150,000	2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537	215 215 215
uly ugust eptember ictober ovember eecember anuary	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.80 174,862.80 163,356.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 164,746.87 54,079.00	190,000	2,150,000	2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537	215 215 215
uly ugust eptember ictober ovember ecember anuary ebruary	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 200,300.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 10,778.00 110,377 110,377 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 174,862.80 174,862.83 163,356.00 180,735.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 166,690.00 169,425.00 164,746.87 54,079.00 0.00	190,000	2,150,000	2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537	215 215 215
otal uly ugust eptember loctober locember ecember anuary ebruary larch pril	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 114,368.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 0.00 0.00 5,638.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 174,862.80 174,862.80 174,862.63 163,356.00 180,735.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 169,425.00 164,746.87 54,079.00 0.00 10,570.00	190,000	2,150,000	2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537	215 215 215
uly uly ugust eptember totober lovember ecember anuary ebruary larch pril lay	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 114,368.00 244,375.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 0.00 0.00 15,638.00 159,626.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.80 174,862.63 163,356.00 180,735.00 173,822.00 174,827.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 166,690.00 169,425.00 164,746.87 54,079.00 0.00	190,000	2,150,000	2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537	215 215 215 215 215
uly ugust eptember ctober ovember ecember anuary ebruary larch pril lay une	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 114,368.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 0.00 0.00 5,638.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 174,862.80 174,862.80 174,862.63 163,356.00 180,735.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 169,425.00 164,746.87 54,079.00 0.00 10,570.00	190,000	2,150,000	2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537	215 215 215
otal uly ugust eptember ctober overmber ecember anuary ebruary larch pril lay une otal	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 200,300.00 114,368.00 244,375.00 217,465.00 1,996,712	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 159,626.00 172,048.00 1,069,766	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 176,946.40 181,137.60 178,894.80 174,862.63 163,356.00 173,822.00 174,627.00 174,627.00 2,004,537	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 164,4746.87 54,079.00 10,570.00 179,705.00 1,391,160 M55	190,000	2,150,000	2002/2003 2003/2004 2004/2005 2005/2006	1069.766 762.441 2004.537 1391.160	215 215 215 215 215
otal. uly ugust eptember october ovember ecember anuary ebruary larch pril lay une otal.	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 200,300.00 114,368.00 244,375.00 217,465.00 1,996,712 M55 0.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 159,626.00 172,048.00 1,069,766 M55 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	162,793,00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.80 174,862.80 174,862.80 174,862.00 174,627.00 171,182.00 2,004,537 M55 54,735.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 169,425.00 164,746.87 54,079.00 10,570.00 179,705.00 1,391,160 M55 81,194.00	190,000	2,150,000	2002/2003 2003/2004 2004/2005 2005/2006	1069.766 762.441 2004.537 1391.160	215 215 215 215 215
otal uly ugust eptember ctober ovember ecember anuary ebruary larch pril lay une otal	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 200,300.00 114,368.00 244,375.00 217,465.00 1,996,712 M55 0.00 0.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 159,626.00 172,048.00 1,069,766 M55 0.00 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.80 174,862.80 163,356.00 180,735.00 174,627.00 171,182.00 2,004,537 M55 54,735.00 0.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 160,699.00 169,425.00 164,746.87 54,079.00 0.00 179,705.00 1,391,160 M55 81,194.00 122,625.00	190,000	2,150,000	2002/2003 2003/2004 2004/2005 2005/2006	1069.766 762.441 2004.537 1391.160	215 215 215 215 215 215
otal uly ugust eptember ctober overwher ecember anuary ebruary larch pril lay une otal une otal uny ugust eptember	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 200,300.00 114,368.00 244,375.00 217,465.00 1,996,712 M55 0.00 0.00 0.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 159,626.00 172,048.00 1,069,766 M55 0.00 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.63 163,356.00 173,822.00 174,627.00 174,627.00 0.00 0.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 169,425.00 10,570.00 179,705.00 1,391,160 M55 81,194.00 22,058.00 22,058.00	190,000	2,150,000	2002/2003 2003/2004 2004/2005 2005/2006 2005/2006	1069.766 762.441 2004.537 1391.160 16.300 310.511 356.138	215 215 215 215 215 102 102 102
otal ulty ugust eptember ctober ovember ecember anuary ebruary larch pril lay une otal une otal ulty ugust eptember ctober	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 200,300.00 114,368.00 244,375.00 217,465.00 1,996,712 M55 0.00 0.00 0.00 0.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 159,626.00 172,048.00 1,069,766 M55 0.00 0.00 0.00 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	162,793,00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.80 174,862.80 174,862.80 174,862.00 171,182.00 2,004,537 M55 54,735.00 0.00 0.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 169,425.00 164,746.87 54,079.00 10,570.00 179,705.00 1,391,160 M55 81,194.00 122,625.00 101,089.00	190,000	2,150,000	2002/2003 2003/2004 2004/2005 2005/2006 2005/2006 2001/2002 2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537 1391.160 16.300 310.511 356.138 106.091	215 215 215 215 215 215
otal uly ugust eptember ctober ovember ecember anuary ebruary larch pril lay une otal uly ugust eptember ctober ovember	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 200,300.00 114,368.00 244,375.00 217,465.00 1,996,712 M55 0.00 0.00 0.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 159,626.00 172,048.00 1,069,766 M55 0.00 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.63 163,356.00 173,822.00 174,627.00 174,627.00 0.00 0.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 169,425.00 10,570.00 179,705.00 1,391,160 M55 81,194.00 22,058.00 22,058.00			2002/2003 2003/2004 2004/2005 2005/2006 2005/2006	1069.766 762.441 2004.537 1391.160 16.300 310.511 356.138	215 215 215 215 215 210 2102 102 102
otal. uly ugust eptember ctober ovember ecember anuary ebruary arch pril ay une otal. uly ugust eptember ctober ovember ecember	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 200,300.00 114,368.00 244,375.00 217,465.00 1,996,712 M55 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 159,626.00 172,048.00 1,069,766 M55 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 10,00 0.00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00	162,793,00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.80 174,862.80 174,862.00 174,862.00 171,182.00 2,004,537 M55 54,735.00 0.00 0.00 0.00 0.00 0.00 0.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 164,746.87 54,079.00 10,570.00 179,705.00 1,391,160 M55 81,194.00 122,625.00 101,089.00 58,697.00 0.00	190,000	2,150,000	2002/2003 2003/2004 2004/2005 2005/2006 2005/2006 2001/2002 2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537 1391.160 16.300 310.511 356.138 106.091	215 215 215 215 215 210 2102 102 102
ottal uly ugust eptember ctober ovember eecember anuary ebruary arch pril ay une ottal uly ugust eptember ctober ovember eember anany	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 200,300.00 114,368.00 244,375.00 217,465.00 1,996,712 M55 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 1,000 172,048.00 172,048.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.80 174,862.80 163,356.00 180,735.00 174,627.00 171,182.00 2,004,537 M55 54,735.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 160,425.00 10,570.00 179,705.00 1,391,160 M55 81,194.00 122,625.00 28,058.00 101,089.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0			2002/2003 2003/2004 2004/2005 2005/2006 2005/2006 2001/2002 2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537 1391.160 16.300 310.511 356.138 106.091	215 215 215 215 215 215
ottal ulty ugust eptember ctober ovember ecember anuary ebruary larch une ottal ottal une ottal ottal une ottal ottal une ottal eptember ctober ovember ecember anuary ebruary arch arch eptember ctober ovember ecember anuary ebruary arch	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 200,300.00 114,368.00 244,375.00 217,465.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 159,626.00 172,048.00 1,069,766 M55 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 762,441 M55 11,450.00 21,692.00 26,259.00 2,348.00 0.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.63 163,356.00 173,822.00 174,827.00 174,827.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 169,425.00 10,570.00 179,705.00 1,391,160 M55 81,194.00 28,058.00 101,089.00 58,697.00 0.00 0.00 0.00 0.00 0.00 0.00			2002/2003 2003/2004 2004/2005 2005/2006 2005/2006 2001/2002 2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537 1391.160 16.300 310.511 356.138 106.091	215 215 215 215 215 215
otal. uly ugust eptember october ovember ecember anuary ebruary larch pril lay une otal. uly ugust eptember otober ovember ecember anuary eptember anuary eptember dtober ovember ecember anuary ebruary larch pril	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 200,300.00 114,368.00 244,375.00 217,465.00 1,996,712 M55 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 0.00 159,626.00 172,048.00 1,069,766 M55 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 10,00 0.00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 10,00 11,450.00 21,692.00 26,259.00 2,348.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.80 174,862.80 174,862.80 174,862.00 171,182.00 2,004,537 M55 54,735.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 169,425.00 169,425.00 109,705.00 179,705.00 179,705.00 122,625.00 28,058.00 101,089.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0			2002/2003 2003/2004 2004/2005 2005/2006 2005/2006 2001/2002 2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537 1391.160 16.300 310.511 356.138 106.091	215 215 215 215 215 215
otal uly ugust eptember loctober locember ecember anuary ebruary larch pril	0.00 111,005 M54 0.00 209,874.00 207,907.00 155,638.00 175,552.00 220,233.00 75,400.00 175,600.00 200,300.00 114,368.00 244,375.00 217,465.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 8,638.00 8,638 M54 237,277.00 230,174.00 193,588.00 71,415.00 0.00 0.00 0.00 159,626.00 172,048.00 1,069,766 M55 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 10,778.00 110,377 M54 178,106.00 177,245.00 155,359.00 171,410.00 80,321.00 0.00 0.00 0.00 0.00 0.00 0.00 762,441 M55 11,450.00 21,692.00 26,259.00 2,348.00 0.00 0.00 0.00 0.00 0.00	162,793.00 151,616.00 1,042,200 M54 62,078.40 193,032.00 175,946.40 181,137.60 178,894.80 174,862.63 163,356.00 173,822.00 174,827.00 174,827.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	3,343.00 67,418.00 612,270 M54 173,288.00 164,276.00 157,637.00 156,743.00 160,690.00 169,425.00 10,570.00 179,705.00 1,391,160 M55 81,194.00 28,058.00 101,089.00 58,697.00 0.00 0.00 0.00 0.00 0.00 0.00			2002/2003 2003/2004 2004/2005 2005/2006 2005/2006 2001/2002 2002/2003 2003/2004 2004/2005	1069.766 762.441 2004.537 1391.160 16.300 310.511 356.138 106.091	215 215 215 215 215 2102

5 YR Total

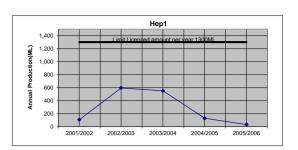
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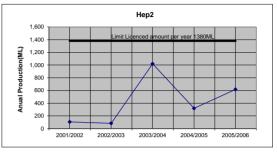
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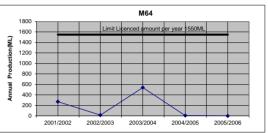
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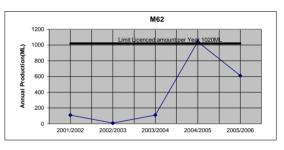
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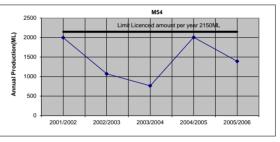
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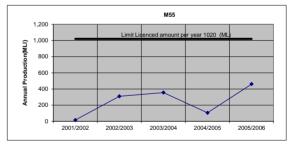


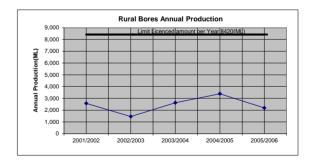












8,420,000