

**CHLORIDES (PPM) FOR KONA WELLS**  
 SAMPLING PERIOD: OCTOBER - DECEMBER 2018

WELL NAME	WELL ID	PUMP GPM	10/09/18	10/11/18	10/12/18	10/15/18	10/16/18	10/23/18	11/14/18	11/15/18	11/20/18	11/26/18	12/11/18	12/12/18	12/13/18	12/18/18	12/26/18
KAHALU'U WELLS "A"	8-3557-001	700		176.0						184.0				228.0			
KAHALU'U WELLS "B"	8-3557-002	700		250.0						240.0				250.0			
KAHALU'U WELLS "C"	8-3557-003	700			44.0					56.0				117.0			
KAHALU'U WELLS "D"	8-3557-004	1000		280.0						250.0				280.0			
KAHALU'U SHAFT "TOP"	8-3557-005	1400			390.0					370.0				420.0			
KAHALU'U SHAFT "LEFT"	8-3557-005	1400														160.0	
KAHALU'U SHAFT "RIGHT"	8-3557-005	1400														310.0	
KE'EI WELLS "A"	8-2573-001	300	590.0				340.0		440.0				350.0			380.0	
KE'EI WELLS "B"	8-2573-002	300	290.0				280.0						280.0			300.0	
KE'EI WELLS "C"	8-2653-001	300															
KE'EI WELLS "D"	8-2753-003			5.0	6.0					6.0				6.0			
KALAOA WELL	8-4358-001	300		12.0						12.0				11.0			
HÖLUALOA WELL	8-3657-001	500					220.0			220.0				240.0			
KEAHUOLŪ (QLT) WELL	8-4057-001			9.0						8.0				8.0			
HALEKI'I WELL	8-3155-002			7.0/6.0						6.0				5.0			
HONOKŌHAU WELL	8-4158-002														8.0		
HUALĀLAI WELL	8-4258-003																
WAI'AHA WELL	8-3857-004																
KEOPU WELL	8-3957-001			9.0						8.0				9.0			
PALANI WELL	8-4158-003																
MĀKĀLEI ESTATES WELL	8-4458-002			250.0		250.0		261.0		271.0	279.0	281.0		288.0			250.0

**CHLORIDES (PPM) FOR KONA WELLS**  
**SAMPLING PERIOD: JULY - SEPTEMBER 2018**

<b>WELL NAME</b>	<b>WELL ID</b>	<b>PUMP GPM</b>	<b>07/10/18</b>	<b>07/12/18</b>	<b>07/13/18</b>	<b>08/07/18</b>	<b>08/09/18</b>	<b>08/14/18</b>	<b>08/17/18</b>	<b>08/28/18</b>	<b>09/06/18</b>	<b>09/11/18</b>	<b>09/18/18</b>
KAHALU'U WELLS "A"	8-3557-001	700							123.0			183.0	
KAHALU'U WELLS "B"	8-3557-002	700	240.0				250.0					250.0	
KAHALU'U WELLS "C"	8-3557-003	700	64.0				63.0					80.0	
KAHALU'U WELLS "D"	8-3557-004	1000	250.0				250.0					280.0	
KAHALU'U SHAFT "TOP"	8-3557-005	1400			380.0	400.0					410.0		
KAHALU'U SHAFT "LEFT"	8-3557-005	1400				180.0					210.0		
KAHALU'U SHAFT "RIGHT"	8-3557-005	1400				330.0					280.0		
KE'EI WELLS "A"	8-2573-001	300	350.0					320.0				400.0	
KE'EI WELLS "B"	8-2573-002	300	300.0					290.0				280.0	
KE'EI WELLS "C"	8-2653-001	300											
KE'EI WELLS "D"	8-2753-003			6.0			4.0					6.0	
KALAOA WELL	8-4358-001	300	12.0				10.0					12.0	
HŌLUALOA WELL	8-3657-001	500	220.0				220.0					220.0	
KEAHUOLŪ (QLT) WELL	8-4057-001		8.0				7.0					10.0	
HALEKI'I WELL	8-3155-002		8.0				5.0					7.0	
HONOKŌHAU WELL	8-4158-002												
HUALĀLAI WELL	8-4258-003												
WAI'AHA WELL	8-3857-004												
KEOPU WELL	8-3957-001		8.0				7.0					8.0	
PALANI WELL	8-4158-003												
MĀKĀLEI ESTATES WELL	8-4458-002		157.0				200.0			218.0		230.0	235.0

**CHLORIDES (PPM) FOR KONA WELLS**  
**SAMPLING PERIOD: APRIL - JUNE 2018**

<b>WELL NAME</b>	<b>WELL ID</b>	<b>PUMP GPM</b>	<b>04/11/18</b>	<b>04/12/18</b>	<b>05/08/18</b>	<b>05/11/18</b>	<b>05/13/18</b>	<b>05/18/18</b>	<b>06/18/18</b>	<b>06/26/18</b>
KAHALU'U WELLS "A"	8-3557-001	700	98.0			101.0				
KAHALU'U WELLS "B"	8-3557-002	700	250.0			240.0			250.0	
KAHALU'U WELLS "C"	8-3557-003	700	54.0			52.0			79.0	
KAHALU'U WELLS "D"	8-3557-004	1000	250.0			240.0				
KAHALU'U SHAFT "TOP"	8-3557-005	1400		310.0				360.0	410.0	
KAHALU'U SHAFT "LEFT"	8-3557-005	1400		160.0						
KAHALU'U SHAFT "RIGHT"	8-3557-005	1400		250.0						
KE'EI WELLS "A"	8-2573-001	300	350.0		390.0				420.0	
KE'EI WELLS "B"	8-2573-002	300	300.0		310.0				290.0	
KE'EI WELLS "C"	8-2653-001	300								
KE'EI WELLS "D"	8-2753-003			5.0			6.0			4.0
KALAOA WELL	8-4358-001	300	9.0			11.0			13.0	
HÖLUALOA WELL	8-3657-001	500	230.0				220.0		250.0	
KEAHUOLŪ (QLT) WELL	8-4057-001		8.0			7.0			7.0	
HALEKI'I WELL	8-3155-002		5.0			7.0			6.0	
HONOKŌHAU WELL	8-4158-002									
HUALĀLAI WELL	8-4258-003									
WAI'AHA WELL	8-3857-004									
KEOPU WELL	8-3957-001		7.0			9.0			9.0	
PALANI WELL	8-4158-003		10.0							
MĀKĀLEI ESTATES WELL	8-4458-002								120.0	

**CHLORIDES (PPM) FOR KONA WELLS**  
 SAMPLING PERIOD: JANUARY - MARCH 2018

<b>WELL NAME</b>	<b>WELL ID</b>	<b>PUMP GPM</b>	<b>01/11/18</b>	<b>01/12/18</b>	<b>01/18/18</b>	<b>01/25/18</b>	<b>01/30/18</b>	<b>02/16/18</b>	<b>02/19/18</b>	<b>02/20/18</b>	<b>02/21/18</b>	<b>03/12/18</b>	<b>03/14/18</b>
KAHALU'U WELLS "A"	8-3557-001	700	196.0					207.0					117.0
KAHALU'U WELLS "B"	8-3557-002	700	270.0					240.0					240.0
KAHALU'U WELLS "C"	8-3557-003	700	83.0						41.0				73.0
KAHALU'U WELLS "D"	8-3557-004	1000	280.0					280.0					270.0
KAHALU'U SHAFT "TOP"	8-3557-005	1400			420.0					270.0		360.0	
KAHALU'U SHAFT "LEFT"	8-3557-005	1400										170.0	
KAHALU'U SHAFT "RIGHT"	8-3557-005	1400										260.0	
KE'EI WELLS "A"	8-2573-001	300					470.0				340.0		
KE'EI WELLS "B"	8-2573-002	300					300.0				300.0		
KE'EI WELLS "C"	8-2653-001	300											
KE'EI WELLS "D"	8-2753-003			6.0				4.0					5.0
KALAOA WELL	8-4358-001	300	12.0					10.0					11.0
HÖLUALOA WELL	8-3657-001	500				270.0		250.0					240.0
KEAHUOLŪ (QLT)	8-4057-001							7.0					7.0
HALEKI'I WELL	8-3155-002		6.0					5.0					7.0
HONOKŌHAU	8-4158-002		10.0					9.0					
HUALĀLAI	8-4258-003												
WAI'AHA	8-3857-004												
KEOPU	8-3957-001		7.0					6.0					7.0
PALANI WELL	8-4158-003		10.0					10.0					9.0