

**RIVER KERANDI (INTAKE WELL OF NALCO REFINARY, HAL, SUN**

Month	Temp., 0C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate- N, mg/l	NH4-N, mg/l	TC, MPN/ 100 ml
Jan	27	7.9	7.6	0.8	4.7	193	0.43	0.672	840
April	29	8	6.9	1.1	6.3	178	0.143	0.812	400
July	30	7.8	7.2	0.8	5.4	162	0.26	0.2	940
Oct	29	7.5	6.9	2.5	11.8	143	0.9	3.1	580
<b>Min</b>	<b>27</b>	<b>7.5</b>	<b>6.9</b>	<b>0.8</b>	<b>4.7</b>	<b>143</b>	<b>0.143</b>	<b>0.2</b>	<b>400</b>
<b>Max</b>	<b>30</b>	<b>8</b>	<b>7.6</b>	<b>2.5</b>	<b>11.8</b>	<b>193</b>	<b>0.9</b>	<b>3.1</b>	<b>940</b>
<b>Average</b>	<b>28.75</b>	<b>7.8</b>	<b>7.15</b>	<b>1.3</b>	<b>7.05</b>	<b>169</b>	<b>0.43325</b>	<b>1.196</b>	<b>690</b>

FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	Hardnes s CaCO3, mg/l	Ca as CaCO3, mg/l	Mg as CaCO3, mg/l
460	6.3	0.52	B	ND	68	ND	40	26	14
270	6.7	0.53	B	0.008	68	ND	56	40	16
270				0.5	56	0	48	36	12
310	6	0.52	B	0.05	68	0	52	20	32
<b>270</b>	<b>6</b>	<b>0.52</b>	<b>0</b>	<b>0.008</b>	<b>56</b>	<b>0</b>	<b>40</b>	<b>20</b>	<b>12</b>
<b>460</b>	<b>6.7</b>	<b>0.53</b>	<b>0</b>	<b>0.5</b>	<b>68</b>	<b>0</b>	<b>56</b>	<b>40</b>	<b>32</b>
<b>327.5</b>	<b>6.333</b>	<b>0.523</b>		<b>0.186</b>	<b>65</b>	<b>0</b>	<b>49</b>	<b>30.5</b>	<b>18.5</b>

Chloride , mg/l	Sulphate , mg/l	PO43--P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l	TFS, mg/l	Turbidity, NTU
8	2.9	ND	0.133	4.48	21	102	56	8
10	14.78	ND	0.143	1.68	94	24	82	12.1
8	12.2	0.019	0.182	2.24	79	98	78	13.2
9	4.3	0.093	0.165	3.36	30	86	96	12
<b>8</b>	<b>2.9</b>	<b>0.019</b>	<b>0.133</b>	<b>1.68</b>	<b>21</b>	<b>24</b>	<b>56</b>	<b>8</b>
<b>10</b>	<b>14.78</b>	<b>0.093</b>	<b>0.182</b>	<b>4.48</b>	<b>94</b>	<b>102</b>	<b>96</b>	<b>13.2</b>
<b>8.75</b>	<b>8.545</b>	<b>0.056</b>	<b>0.15575</b>	<b>2.94</b>	<b>56</b>	<b>77.5</b>	<b>78</b>	<b>11.325</b>

Na, mg/l	K, mg/l	B, mg/l	Cadmium, mg/l	Copper, mg/l	Lead, mg/l	Chromium Total, mg/l	Nickel, mg/l	Zinc, mg/l
6.7	1.9	0.123	1	6	9	18	1	10
7.1	3.1	0.137	1	5	11	BDL	4	15
5.6	1.9	0.024	0.4	2	8	44	2	11
3.7	1.2	0.031	2	2.9	12.4	0.01	1.3	4
<b>3.7</b>	<b>1.2</b>	<b>0.024</b>	<b>0.4</b>	<b>2</b>	<b>8</b>	<b>0.01</b>	<b>1</b>	<b>4</b>
<b>7.1</b>	<b>3.1</b>	<b>0.137</b>	<b>2</b>	<b>6</b>	<b>12.4</b>	<b>44</b>	<b>4</b>	<b>15</b>
<b>5.775</b>	<b>2.025</b>	<b>0.07875</b>	<b>1.1</b>	<b>3.975</b>	<b>10.1</b>	<b>20.67</b>	<b>2.075</b>	<b>10</b>

Mercury, mg/l	Iron Total, mg/l
BDL	204
BDL	192
0.0005	242
0.0005	175
<b>0.0005</b>	<b>175</b>
<b>0.0005</b>	<b>242</b>
<b>0.0005</b>	<b>203.25</b>

















