

APPENDIX 20 2023 CALIBRATION DATA



Project : MEL

Location : Eureka

Date range : 03-01-2023 - 03-01-2023



Sample date			3/1/2023
Parameter	Type	Unit	
7			
pH	Initial	pH units	6
pH	Final	pH units	8



Project : MEL

Location : Eureka T1

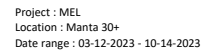
Date range : 07-21-2023 - 07-21-2023

Sample date			7/21/2023
Parameter	Type	Unit	
1413			
Conductivity	Initial	uS/cm	1261
Conductivity	Final	uS/cm	1413



Project : MEL
Location : Eureka T2
Date range : 03-01-2023 - 07-21-2023

Sample date			3/1/2023	7/21/2023
Parameter	Type	Unit		
1413				
Conductivity	Initial	uS/cm	-	1264
Conductivity	Final	uS/cm	-	1413
7				
pH	Initial	pH units	6	-
pH	Final	pH units	7	-

[illegible]

		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000
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Project : MEL
Location : YSI 2
Date range : 01-07-2023 - 12-29-2023

Sample date			1/7/2023	1/8/2023	1/10/2023	1/17/2023	1/19/2023	1/29/2023	2/4/2023	2/5/2023	2/6/2023	2/19/2023	2/22/2023	3/30/2023	4/5/2023	4/7/2023	4/29/2023	12/29/2023
Parameter	Type	Unit																
10																		
pH	Initial	pH units	9.92	10	10	10.3	10.05	9.87	10.07	9.9	9.98	10.14	6.92	-	10.05	9.95	-	9.96
pH	Final	pH units	10.04	10.01	10.01	10.09	10.02	10.04	9.97	9.97	9.97	10.03	10.01	-	9.97	9.98	-	10.02
100																		
Dissolved oxygen	Initial	%	-	-	-	-	-	92.4	110	92.8	111.3	100	-	112.8	90	104.4	114	99.4
Dissolved oxygen	Final	%	-	-	-	-	-	99.9	99.9	100.2	100.2	100	-	99.5	100.1	99.8	100	100.8
100%																		
Dissolved oxygen	Initial	%	97	111.8	90.5	115.2	102.9	-	-	-	-	-	-	-	-	-	-	-
Dissolved oxygen	Final	%	100	99.5	100	99.7	99.9	-	-	-	-	-	-	-	-	-	-	-
12860																		
Conductivity	Initial	uS/cm	13096	-	-	12840	-	-	-	-	-	-	-	-	-	-	-	-
Conductivity	Final	uS/cm	12891	-	-	12881	-	-	-	-	-	-	-	-	-	-	-	-
1413																		
Conductivity	Initial	uS/cm	-	1433	1406	-	-	-	1397	1408	-	-	-	-	1345	-	-	-
Conductivity	Final	uS/cm	-	1412	1413	-	-	-	1413	1413	-	-	-	-	1412	-	-	-
4																		
pH	Initial	pH units	4.2	4.07	4	4.16	3.92	3.99	4.09	3.83	3.97	4.07	3.91	-	4.03	3.99	-	3.92
pH	Final	pH units	4.02	4	4	4.01	3.95	4	3.94	3.99	3.99	4.03	4.01	-	3.99	3.86	-	4.04
7																		
pH	Initial	pH units	7.02	6.97	7	7.02	6.94	6.97	7.18	6.95	7.07	7.13	6.89	-	7.15	7.02	-	6.98
pH	Final	pH units	7	7.02	7	7	6.97	6.98	7	7.07	7.07	7.05	7.05	-	6.98	6.9	-	7.07
80000																		
Conductivity	Initial	uS/cm	-	-	-	-	81759	79935	-	-	80217	80269	81279	-	-	84754	-	-
Conductivity	Final	uS/cm	-	-	-	-	80008	80006	-	-	80008	80019	80000	-	-	80001	-	-

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000
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Project : MEL
Location : YSI 4
Date range : 02-12-2023 - 12-30-2023

Parameter	Type	Sample date Unit	2/12/2023	3/12/2023	5/14/2023	5/28/2023	5/31/2023	6/15/2023	6/30/2023	7/14/2023	7/21/2023	8/6/2023	11/30/2023	12/30/2023
10														
pH	Initial	pH units	10.01	9.91	-	9.78	-	10.02	-	9.85	9.93	9.94	9.92	9.96
pH	Final	pH units	9.96	9.97	-	9.9	-	9.98	-	10	10	9.98	10	9.99
100														
Dissolved oxygen	Initial	%	104.3	103.7	-	86.9	100.5	101	104.3	99	92.1	105.3	100.9	94.4
Dissolved oxygen	Final	%	100	100	-	101	100	100	101	100	101	99	100	100
12880														
Conductivity	Initial	uS/cm	13644	12853	-	-	-	-	-	-	-	-	-	-
Conductivity	Final	uS/cm	12880	12880	-	-	-	-	-	-	-	-	-	-
1413														
Conductivity	Initial	uS/cm	-	-	-	-	-	-	-	1769	1454	1365	-	-
Conductivity	Final	uS/cm	-	-	-	-	-	-	-	1420	1413	1413	-	-
4														
pH	Initial	pH units	4	3.96	-	3.94	-	4.01	-	3.56	4.06	3.95	4.02	3.97
pH	Final	pH units	3.98	3.98	-	3.92	-	3.99	-	3.98	3.96	4.01	4	4
5000														
Conductivity	Initial	uS/cm	-	-	4972	5630	-	5050	-	-	-	-	-	-
Conductivity	Final	uS/cm	-	-	5005	5001	-	5001	-	-	-	-	-	-
7														
pH	Initial	pH units	7.11	6.98	-	7.02	-	7.1	-	6.79	7.06	7.01	7.01	7.06
pH	Final	pH units	7.05	7.02	-	7.02	-	7.01	-	7.04	7.02	7	7.04	7.04

Parameter	Type	Sample name		S100001		S100002		S100003		S100004		S100005		S100006		S100007		S100008		S100009		S100010		S100011		S100012		S100013		S100014		S100015		S100016		S100017		S100018		S100019		S100020		S100021		S100022		S100023		S100024		S100025		S100026		S100027		S100028		S100029		S100030		S100031		S100032		S100033		S100034		S100035		S100036		S100037		S100038		S100039		S100040		S100041		S100042		S100043		S100044		S100045		S100046		S100047		S100048		S100049		S100050		S100051		S100052		S100053		S100054		S100055		S100056		S100057		S100058		S100059		S100060		S100061		S100062		S100063		S100064		S100065		S100066		S100067		S100068		S100069		S100070		S100071		S100072		S100073		S100074		S100075		S100076		S100077		S100078		S100079		S100080		S100081		S100082		S100083		S100084		S100085		S100086		S100087		S100088		S100089		S100090		S100091		S100092		S100093		S100094		S100095		S100096		S100097		S100098		S100099		S100100		S100101		S100102		S100103		S100104		S100105		S100106		S100107		S100108		S100109		S100110		S100111		S100112		S100113		S100114		S100115		S100116		S100117		S100118		S100119		S100120		S100121		S100122		S100123		S100124		S100125		S100126		S100127		S100128		S100129		S100130		S100131		S100132		S100133		S100134		S100135		S100136		S100137		S100138		S100139		S100140		S100141		S100142		S100143		S100144		S100145		S100146		S100147		S100148		S100149		S100150		S100151		S100152		S100153		S100154		S100155		S100156		S100157		S100158		S100159		S100160		S100161		S100162		S100163		S100164		S100165		S100166		S100167		S100168		S100169		S100170		S100171		S100172		S100173		S100174		S100175		S100176		S100177		S100178		S100179		S100180		S100181		S100182		S100183		S100184		S100185		S100186		S100187		S100188		S100189		S100190		S100191		S100192		S100193		S100194		S100195		S100196		S100197		S100198		S100199		S100200		S100201		S100202		S100203		S100204		S100205		S100206		S100207		S100208		S100209		S100210		S100211		S100212		S100213		S100214		S100215		S100216		S100217		S100218		S100219		S100220		S100221		S100222		S100223		S100224		S100225		S100226		S100227		S100228		S100229		S100230		S100231		S100232		S100233		S100234		S100235		S100236		S100237		S100238		S100239		S100240		S100241		S100242		S100243		S100244		S100245		S100246		S100247		S100248		S100249		S100250		S100251		S100252		S100253		S100254		S100255		S100256		S100257		S100258		S100259		S100260		S100261		S100262		S100263		S100264		S100265		S100266		S100267		S100268		S100269		S100270		S100271		S100272		S100273		S100274		S100275		S100276		S100277		S100278		S100279		S100280		S100281		S100282		S100283		S100284		S100285		S100286		S100287		S100288		S100289		S100290		S100291		S100292		S100293		S100294		S100295		S100296		S100297		S100298		S100299		S100300		S100301		S100302		S100303		S100304		S100305		S100306		S100307		S100308		S100309		S100310		S100311		S100312		S100313		S100314		S100315		S100316		S100317		S100318		S100319		S100320		S100321		S100322		S100323		S100324		S100325		S100326		S100327		S100328		S100329		S100330		S100331		S100332		S100333		S100334		S100335		S100336		S100337		S100338		S100339		S100340		S100341		S100342		S100343		S100344		S100345		S100346		S100347		S100348		S100349		S100350		S100351		S100352		S100353		S100354		S100355		S100356		S100357		S100358		S100359		S100360		S100361		S100362		S100363		S100364		S100365		S100366		S100367		S100368		S100369		S100370		S100371		S100372		S100373		S100374		S100375		S100376		S100377		S100378		S100379		S100380		S100381		S100382		S100383		S100384		S100385		S100386		S100387		S100388		S100389		S100390		S100391		S100392		S100393		S100394		S100395		S100396		S100397		S100398		S100399		S100400		S100401		S100402		S100403		S100404		S100405		S100406		S100407		S100408		S100409		S100410		S100411		S100412		S100413		S100414		S100415		S100416		S100417		S100418		S100419		S100420		S100421		S100422		S100423		S100424		S100425		S100426		S100427		S100428		S100429		S100430		S100431		S100432		S100433		S100434		S100435		S100436		S100437		S100438		S100439		S100440		S100441		S100442		S100443		S100444		S100445		S100446		S100447		S100448		S100449		S100450		S100451		S100452		S100453		S100454		S100455		S100456		S100457		S100458		S100459		S100460		S100461		S100462		S100463		S100464		S100465		S100466		S100467		S100468		S100469		S100470		S100471		S100472		S100473		S100474		S100475		S100476		S100477		S100478		S100479		S100480		S100481		S100482		S100483		S100484		S100485		S100486		S100487		S100488		S100489		S100490		S100491		S100492		S100493		S100494		S100495		S100496		S100497		S100498		S100499		S100500		S100501		S100502		S100503		S100504		S100505		S100506		S100507		S100508		S100509		S100510		S100511		S100512		S100513		S100514		S100515		S100516		S100517		S100518		S100519		S100520		S100521		S100522		S100523		S100524		S100525		S100526		S100527		S100528		S100529		S100530		S100531		S100532		S100533		S100534		S100535		S100536		S100537		S100538		S100539		S100540		S100541		S100542		S100543		S100544		S100545		S100546		S100547		S100548		S100549		S100550		S100551		S100552		S100553		S100554		S100555	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Item	Description	Unit	Quantity	Unit Price	Total Price	Material	Labour	Equipment	Subcontract	Other	Remarks
1	Excavate and backfill 1:1	m ³	100	1.50	150.00	100	0	0	0	0	
2	Excavate and backfill 2:1	m ³	100	2.00	200.00	100	0	0	0	0	
3	Excavate and backfill 3:1	m ³	100	2.50	250.00	100	0	0	0	0	
4	Excavate and backfill 4:1	m ³	100	3.00	300.00	100	0	0	0	0	
5	Excavate and backfill 5:1	m ³	100	3.50	350.00	100	0	0	0	0	
6	Excavate and backfill 6:1	m ³	100	4.00	400.00	100	0	0	0	0	
7	Excavate and backfill 7:1	m ³	100	4.50	450.00	100	0	0	0	0	
8	Excavate and backfill 8:1	m ³	100	5.00	500.00	100	0	0	0	0	
9	Excavate and backfill 9:1	m ³	100	5.50	550.00	100	0	0	0	0	
10	Excavate and backfill 10:1	m ³	100	6.00	600.00	100	0	0	0	0	
11	Excavate and backfill 11:1	m ³	100	6.50	650.00	100	0	0	0	0	
12	Excavate and backfill 12:1	m ³	100	7.00	700.00	100	0	0	0	0	
13	Excavate and backfill 13:1	m ³	100	7.50	750.00	100	0	0	0	0	
14	Excavate and backfill 14:1	m ³	100	8.00	800.00	100	0	0	0	0	
15	Excavate and backfill 15:1	m ³	100	8.50	850.00	100	0	0	0	0	
16	Excavate and backfill 16:1	m ³	100	9.00	900.00	100	0	0	0	0	
17	Excavate and backfill 17:1	m ³	100	9.50	950.00	100	0	0	0	0	
18	Excavate and backfill 18:1	m ³	100	10.00	1000.00	100	0	0	0	0	
19	Excavate and backfill 19:1	m ³	100	10.50	1050.00	100	0	0	0	0	
20	Excavate and backfill 20:1	m ³	100	11.00	1100.00	100	0	0	0	0	
21	Excavate and backfill 21:1	m ³	100	11.50	1150.00	100	0	0	0	0	
22	Excavate and backfill 22:1	m ³	100	12.00	1200.00	100	0	0	0	0	
23	Excavate and backfill 23:1	m ³	100	12.50	1250.00	100	0	0	0	0	
24	Excavate and backfill 24:1	m ³	100	13.00	1300.00	100	0	0	0	0	
25	Excavate and backfill 25:1	m ³	100	13.50	1350.00	100	0	0	0	0	
26	Excavate and backfill 26:1	m ³	100	14.00	1400.00	100	0	0	0	0	
27	Excavate and backfill 27:1	m ³	100	14.50	1450.00	100	0	0	0	0	
28	Excavate and backfill 28:1	m ³	100	15.00	1500.00	100	0	0	0	0	
29	Excavate and backfill 29:1	m ³	100	15.50	1550.00	100	0	0	0	0	
30	Excavate and backfill 30:1	m ³	100	16.00	1600.00	100	0	0	0	0	
31	Excavate and backfill 31:1	m ³	100	16.50	1650.00	100	0	0	0	0	
32	Excavate and backfill 32:1	m ³	100	17.00	1700.00	100	0	0	0	0	
33	Excavate and backfill 33:1	m ³	100	17.50	1750.00	100	0	0	0	0	
34	Excavate and backfill 34:1	m ³	100	18.00	1800.00	100	0	0	0	0	
35	Excavate and backfill 35:1	m ³	100	18.50	1850.00	100	0	0	0	0	
36	Excavate and backfill 36:1	m ³	100	19.00	1900.00	100	0	0	0	0	
37	Excavate and backfill 37:1	m ³	100	19.50	1950.00	100	0	0	0	0	
38	Excavate and backfill 38:1	m ³	100	20.00	2000.00	100	0	0	0	0	
39	Excavate and backfill 39:1	m ³	100	20.50	2050.00	100	0	0	0	0	
40	Excavate and backfill 40:1	m ³	100	21.00	2100.00	100	0	0	0	0	
41	Excavate and backfill 41:1	m ³	100	21.50	2150.00	100	0	0	0	0	
42	Excavate and backfill 42:1	m ³	100	22.00	2200.00	100	0	0	0	0	
43	Excavate and backfill 43:1	m ³	100	22.50	2250.00	100	0	0	0	0	
44	Excavate and backfill 44:1	m ³	100	23.00	2300.00	100	0	0	0	0	
45	Excavate and backfill 45:1	m ³	100	23.50	2350.00	100	0	0	0	0	
46	Excavate and backfill 46:1	m ³	100	24.00	2400.00	100	0	0	0	0	
47	Excavate and backfill 47:1	m ³	100	24.50	2450.00	100	0	0	0	0	
48	Excavate and backfill 48:1	m ³	100	25.00	2500.00	100	0	0	0	0	
49	Excavate and backfill 49:1	m ³	100	25.50	2550.00	100	0	0	0	0	
50	Excavate and backfill 50:1	m ³	100	26.00	2600.00	100	0	0	0	0	
51	Excavate and backfill 51:1	m ³	100	26.50	2650.00	100	0	0	0	0	
52	Excavate and backfill 52:1	m ³	100	27.00	2700.00	100	0	0	0	0	
53	Excavate and backfill 53:1	m ³	100	27.50	2750.00	100	0	0	0	0	
54	Excavate and backfill 54:1	m ³	100	28.00	2800.00	100	0	0	0	0	
55	Excavate and backfill 55:1	m ³	100	28.50	2850.00	100	0	0	0	0	
56	Excavate and backfill 56:1	m ³	100	29.00	2900.00	100	0	0	0	0	
57	Excavate and backfill 57:1	m ³	100	29.50	2950.00	100	0	0	0	0	
58	Excavate and backfill 58:1	m ³	100	30.00	3000.00	100	0	0	0	0	
59	Excavate and backfill 59:1	m ³	100	30.50	3050.00	100	0	0	0	0	
60	Excavate and backfill 60:1	m ³	100	31.00	3100.00	100	0	0	0	0	
61	Excavate and backfill 61:1	m ³	100	31.50	3150.00	100	0	0	0	0	
62	Excavate and backfill 62:1	m ³	100	32.00	3200.00	100	0	0	0	0	
63	Excavate and backfill 63:1	m ³	100	32.50	3250.00	100	0	0	0	0	
64	Excavate and backfill 64:1	m ³	100	33.00	3300.00	100	0	0	0	0	
65	Excavate and backfill 65:1	m ³	100	33.50	3350.00	100	0	0	0	0	
66	Excavate and backfill 66:1	m ³	100	34.00	3400.00	100	0	0	0	0	
67	Excavate and backfill 67:1	m ³	100	34.50	3450.00	100	0	0	0	0	
68	Excavate and backfill 68:1	m ³	100	35.00	3500.00	100	0	0	0	0	
69	Excavate and backfill 69:1	m ³	100	35.50	3550.00	100	0	0	0	0	
70	Excavate and backfill 70:1	m ³	100	36.00	3600.00	100	0	0	0	0	
71	Excavate and backfill 71:1	m ³	100	36.50	3650.00	100	0	0	0	0	
72	Excavate and backfill 72:1	m ³	100	37.00	3700.00	100	0	0	0	0	
73	Excavate and backfill 73:1	m ³	100	37.50	3750.00	100	0	0	0	0	
74	Excavate and backfill 74:1	m ³	100	38.00	3800.00	100	0	0	0	0	
75	Excavate and backfill 75:1	m ³	100	38.50	3850.00	100	0	0	0	0	
76	Excavate and backfill 76:1	m ³	100	39.00	3900.00	100	0	0	0	0	
77	Excavate and backfill 77:1	m ³	100	39.50	3950.00	100	0	0	0	0	
78	Excavate and backfill 78:1	m ³	100	40.00	4000.00	100	0	0	0	0	
79	Excavate and backfill 79:1	m ³	100	40.50	4050.00	100	0	0	0	0	
80	Excavate and backfill 80:1	m ³	100	41.00	4100.00	100	0	0	0	0	
81	Excavate and backfill 81:1	m ³	100	41.50	4150.00	100	0	0	0	0	
82	Excavate and backfill 82:1	m ³	100	42.00	4200.00	100	0	0	0	0	
83	Excavate and backfill 83:1	m ³	100	42.50	4250.00	100	0	0	0	0	
84	Excavate and backfill 84:1	m ³	100	43.00	4300.00	100	0	0	0	0	
85	Excavate and backfill 85:1	m ³	100	43.50	4350.00	100	0	0	0	0	
86	Excavate and backfill 86:1	m ³	100	44.00	4400.00	100	0	0	0	0	
87	Excavate and backfill 87:1	m ³	100	44.50	4450.00	100	0	0	0	0	
88	Excavate and backfill 88:1	m ³	100	45.00	4500.00	100	0	0	0	0	
89	Excavate and backfill 89:1	m ³	100	45.50	4550.00	100	0	0	0	0	
90	Excavate and backfill 90:1	m ³	100	46.00	4600.00	100	0	0	0	0	
91	Excavate and backfill 91:1	m ³	100	46.50	4650.00	100	0	0	0	0	
92	Excavate and backfill 92:1	m ³	100	47.00	4700.00	100	0	0	0	0	
93	Excavate and backfill 93:1	m ³	100	47.50	4750.00	100	0	0	0	0	
94	Excavate and backfill 94:1	m ³	100	48.00	4800.00	100	0	0	0	0	
95	Excavate and backfill 95:1	m ³	100	48.50	4850.00	100	0	0	0	0	
96	Excavate and backfill 96:1	m ³	100	49.00	4900.00	100	0	0	0	0	
97	Excavate and backfill 97:1	m ³	100	49.50	4950.00	100	0	0	0	0	
98	Excavate and backfill 98:1	m ³	100	50.00	5000.00	100	0	0	0	0	
99	Excavate and backfill 99:1	m ³	100	50.50	5050.00	100	0	0	0	0	
100	Excavate and backfill 100:1	m ³	100	51.00	5100.00	100	0	0	0	0	



Project : MEL
Location : HACH CDC401 CONDUCT
Date range : 12-26-2023 - 12-26-2023

Sample date			12/26/2023
Parameter	Type	Unit	
100			
Turbidity	Initial	NTU	99.2
Turbidity	Final	NTU	99.7
20			
Turbidity	Initial	NTU	20.3
Turbidity	Final	NTU	20.1
800			
Turbidity	Initial	NTU	783
Turbidity	Final	NTU	797