

WELL APPLICATION
and PERMIT FORM

FOR OFFICE USE ONLY

WPOO 4604 SR4793
☐ DISAPPROVED ☒ APPROVED Date Received: 7.3.00 Permit Number: 024129
☐ APPROVED WITH CONDITIONS (See attachment) Date Issued: 7.11.00 Census Tract: _____
By: DeBoer Date: 7.10.00 Total Fee: \$ 1163.- Receipt Number: 41032
Grout inspection By: ISM Date: 02.11.01 Deferred By: _____ Site Number DRH
Actual Well Depth: 515 Actual Grout Depth: 250 Final Inspection By: _____ Date: 1.1.1
Depth to first Water: _____ Well Destruction Inspection By: _____ Date: 1.1.1
Reinspection By: _____ Date(s): _____ Fee @ Prevailing Rate: \$ _____

COMMENTS: See separate figure for well construction details.

APPLICATION FOR A PERMIT TO PERFORM WORK AT THE LOCATION AS INDICATED BELOW:

Inspecting Division: ☐ ENVIRONMENTAL HEALTH ☒ HAZARDOUS MATERIALS DRH
Site Address: Between Blackley St and Bullard St City: Mather, CA Zip: 95655
Nearest Major Cross Street: Schirra Avenue Parcel Number: 0067-0010-025
Property Owner: _____ Phone Number: _____
Owner's Address: _____ City: _____ Zip: _____
Well Contractor: Water Development Corp License Number: 283326 Type: C-57
Contractor Address: 1202 Kentucky Ave Expiration Date: 6/30/2002
City: Woodland, CA Zip: 95976 Phone: (530) 662-2829 Well/Boring Identification Number: T-27

WORK TO BE PERFORMED:

- ☒ Construct Well, (C-57 Lic. Req.) ☐ Install New Pump, (C-57, C-61 or Class A) ☐ Test Hole With Destruction (C-57 Lic. Req.)
☐ Deepen Well, (C-57 Lic. Req.) ☐ Repair/Replace Pump, (C-57, C-61 or Class A) ☐ Inactivation Permit, Owner Only
☐ Repair Well, (C-57 Lic. Req.) ☐ Destroy Well (C-57 Lic. Required) ☐ Other (state) _____

Comments: _____

DISTANCE TO NEAREST: Leach Field: NA Leach Pit: NA Septic Tank: NA Sewer Line: ~4 ft
Stream, ditch, Drainage Canal: NA 100 year flood plain: NA 31

INTENDED USE:

DRILLING

CONSTRUCTION SPECIFICATIONS

- ☐ Domestic/Private ☐ Public Water System ☐ Irrigation ☐ Cathodic Protection ☒ Monitoring ☐ Extraction/Recovery ☐ Other (state) _____
METHOD: ☐ Auger ☐ Cable Tool ☐ Driven ☒ Rotary Air/mud ☐ Other (state) _____
BOREHOLE: Diameter: 10 5/8" Depth: see comment Gravel Pack: ☒ Yes ☐ No
CASING: Diameter: (3) 2.5" wells Depth: see comment
If Steel, Gauge: #30 wire wrap screen or Thickness: Sch 40
If Plastic, Type: _____ (MUST MEET ASTM F-480)
If Conductor, Diameter: _____ Depth: _____
GROUT: Depth: see comment Sealing Material: 5% bentonite/cement grout
TRANSITION SEAL: Material: 5% cement/bentonite grout Interval: see comment

Comments: Borehole, casing, and grout depths dependent on lithology

PUMP INSTALLATION/REPAIR: Contractor: _____ License Number: _____

Type of Pump: _____ Horse Power: _____ License Type: _____ Expiration Date: _____

WELL/TEST HOLE DESTRUCTION: Diameter: _____ Total Depth: _____ Depth to Water: _____

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating well construction, call for a grout/destruction inspection at least 48 hours prior to placement of sealing material, notify the Department within 5 days of the completion of my work so a final inspection can be made and obtain final approval before placing the well in service.

Signature: Bob Wilson ☐ Property Owner ☐ Well Contractor
Print Name: Bob Wilson ☐ Agent for Property Owner ☒ Agent for Well Contractor*
Company: ENSR Phone: _____ *Authorization Verified By: _____
Mailing Address: 10324 Placer Ln. #200 City, State, Zip: Sacramento, CA 95827

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION

PERMIT EXPIRES ONE (1) YEAR FROM DATE ISSUED

1. The first group of people who are not in the military are the people who are not in the military.

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D).

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1601 UV-Visible Spectrophotometer. The concentration of chlorophyll was expressed in $\mu\text{g mL}^{-1}$.

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, 26

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Figure 1 consists of two scatter plots. The left plot shows a positive correlation between the number of children and the number of children in the household. The right plot shows a negative correlation between the number of children and the number of children in the household.

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| Age Group | Total (%) | Male (%) | Female (%) | Unknown (%) |
|-----------|-----------|----------|------------|-------------|
| 18-24 | 100 | 85 | 15 | 0 |
| 25-34 | 100 | 75 | 25 | 0 |
| 35-44 | 100 | 65 | 35 | 0 |
| 45-54 | 100 | 55 | 45 | 0 |
| 55-64 | 100 | 45 | 55 | 0 |
| 65+ | 100 | 15 | 85 | 0 |

Figure 1