Treadwell&Rollo

Environmental and Geotechnical Consultants

555 Montgomery Street, Suite 1300 San Francisco, California 94111 Phone: 415/955-9040 Fax: 415/955-9041

FAX TRANSMITTAL

| 27- Date: 26 June 2002 Send to fax # (510) 337-9335 |
|--|
| To: Donna Drogos - Alameda County Department of Environmental Health |
| From: Jeff Ludlow |
| Project name: Ryerson Site in Emeryville Project number: 3212.02 |
| Number of pages, including this cover: 2 1 |
| Notes: |
| Per your request, following is well construction information for the Ryerson site. The logs for MW-1 through MW-3 around the former tank site were re-named RMW-1 through RMW-3, respectively. The table presents well construction information for wells MW-2 through MW-4 which are on the Ryerson site. |
| Susan Colman, the City of Emeryville Brownfields coordinator, told me this morning during a telephone conversation that she does not know of any water supply wells in Emeryville. |
| If you have any questions, please call. |
| ce: Jon K. Wactor, Esq. Fax (510) 465-5697 |
| |
| |
| This document will also be mailed to you: Yes No Should you encounter any difficulties with this fax, please call 415/955-9040 |

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| E | | | | | BEGUN | | SORING DIAMETER | ANCLE/BEARING | BORING N | 10 | |
|---------------|------------------------------------|-------------|----------------|-------------|---------------------|--|--|-----------------------------------|-----------|------------------|--|
| | 65th St, I | gmery | ville, CA | . | 8/6/93 | | 8 Inches | 90 Degrees | B-1 | | |
| Wart J. | NE CONTRACT | TOX . | | | COMPLET | | PRIST ENCOUNTERED WATER DEPTH 9.0 Feet | | 15.5 Fe | OF BORING Bet | |
| Sayl | and Drill | ing | | | 8/6/93 1000000 8 | | STATIC WATER DEPTH | DATE | WILL NO | | |
| AZA | noe m Huajaro | do | | | Ruary | | 4.87 Feet MW-1 | | | | |
| fattl. | MAKE & MODE | 1 | | | SAMPLIN | метноо | ed - 1 'C-Tit Coope | | 15 Fee | | |
| LOW | HATERIAL | | S.01 972 | PILTERPACK | WEST COL | 7 | ified Split-Spoon | | PLANNE | USE | |
| 2" S | H 40 PV | <u> </u> | 0.020" | #2 | Neat c | ement ov | er hydrated bento | nite pellets | Monit | oring | |
| TOWS/ FOOT | PED PELLI HEALEPACE (ppm) | uspiti | WATER | WELL | CEAPHIC | MATERIAL CLASSIFICATION & PHYSICAL DESCRIPTION | | | | | |
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| 7 | | 5 | | | <i>{////</i> | Lean | CLAY (CL): dat | rk gray; modera | e plastic | city; | |
| 23 | 0 | | | | <i>\///</i> | siltv: | trace shell frag | ments; dry. | • , | · | |
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| 4 | | 15 | ₩ . | | 1/// | Lean | CLAY (CL): dar | k gray and red- | orown, | | |
| 20 | C | n _ | | | | black | speckling; mod | lerate plasticity; | wet. | | |
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| 1 | Ì | 14 - | | | <i>Y///</i> | Lean | CLAY (CL); da | rk gтау to black, | mornec | rem | |
| 1 | | | 19 | | | and g | green; moderati | plasticity; 5% | me to d | parse strate | |
| 17 | 0 | 15 - | \mathbf{Z} | | <i>\\\\\</i> | 2 and 8 | snell gravel; 10 | % medium sand | ı; wet. | | |
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| 31 | HYI | מר | _ | | | | SOIL | ORING LOG | ĺ | PLATE | |
| | | | _ | | | | = | AND, | | C-2 | |
| | ENV | IR | NN | IENT. | AL | | WELL CONSTI | RUCTION DIAG | GRAM | SHEET 1 OF 1 | |
| - '}' | | _ | _ | | | - 11 | | MW-1 | • | Sheellori | |
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| <u> </u> | ATE: Septem | | | | | | | rille, CA 94608 | | 7-231 | |
| | PPROVED E | Y: John | H. Turney | , P.E | | | 2 | | | <u> </u> | |
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| ļ | | | | → | | | | * *** | BORNE NO | |
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| اخدر | TION | | | | BECUN | | SORING DIAMETER | 90 Degrees | B-2 | |
| LK5 6. | שליב עוכ | Emeryville, CA 8/6/93 | | | | 8 Inches 90 Degrees FIRST ENCOUNTERED WATER DEPTH | | MOLITON OF BOXING | | |
| TOT CONTRACTOR | | | | | | 3D · | 6.0 Feet | | 15.5 Feet | |
| Beyland Druing | | | | | | 34 | STATIC WATER DEPTH | /DATE | MW-2 | į į |
| PATH | g Huajard | 0 | | | Ruary | Allan | 4.64 Feet | | BOTTOM OF | WELL |
| dam | LITE MODE | <u> </u> | | | | | :a.d Salit-Sanon | _ | 15 Feet | |
| CME-75 | | | | | | | ified Split-Spoon | | PLANNED U | Ŧ. |
| =, v. | THRIAL | • | 9.020" | FILTER PACK #2 | WELEW Neat | ement ov | er hydrated bent | mite pellets | Monitori | ng |
| | 140 PVC PID RELD EADSPACE (ppen) | DEPTH | MATER WATER | WELL CONSTR | CRAPPIC LOG | [| | ATION & PHYSIC | AL DESCRI | TION |
| >50 | 0 | 1 — 2 — 3 — 4 — 5 — 5 — | ▼ | | | Poorl to we | y graded GRA et at base. Exca | VEL with sand vation Backfill | (GP); dry a | t top |
| 5 | 24 | 7 8 10 11 12 15 | | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Wel | l-graded SANI | D (SW); light b | rown, fine, | wet. |
| 18 | 48 | 14 · · · · · · · · · · · · · · · · · · · | | | | ma | derate plasticit | ed brown, motti y; trace coarse s e brown gravel; | and; | |
| | HY | DR | Ł- | | | | | BORING LOG | | PLATE C-3 |
| | | | | MENT OCIE | | | WELL CONS | TRUCTION DI MW-2 | AGKAM | SHEET 1 OF |
| TECHN& LOGIES, | | | | | | Ryerson Steel & Aluminum, Inc. | | | The. | TOB NO. |
| | | | | | | | | | | |
| | ATE: Sept | | | | | | Ryeison. | 465 65th Street | 2.12. | 7-231 |

| and the same | JUN.26.2 | 2 0 2 | 8:39AM | TREAL | WELL & | ROLLO | | . 90 |).250 P.4/5 | | |
|--------------|-----------------------|--------------|--|---------------------------------------|--------------------|---|--|-----------------------------|---|----------|--|
| 是 | DEATHON 5 65th St, | Emerv | ville, CA | | 8/6/93 | | 8 Inches | ANGLE/BEARING 90 Degrees | BORING NO | | |
| T TOTAL | NG CONTRAC | ZLIK | | · | COMPLETE | D | FIRST ENCOUNTERED W. | ATER DEPTH | SOLLION OF BOKING | | |
| | and Dril | | | ~ | 8/6/93 100000 F | | | | | | |
| i da | m Husian | | | | | Ruary Allan 4.18 Feet MW-3 | | | | | |
| MAN (| B- 75 | | | | Califor | AMPLING METHOD California Modified Split-Spoon 15 Feet | | | | | |
| WILL S | MAIRELAL CH 40 PV | <u> </u> | 9.07 SZE 0.020" | PLIER PACK #2 | | | r hydrated bentor | vite pellets | PLANNED USE Monitoring | | |
| BOWS/ | . 71D (sq | | | | CEAPHIC | | | | AL DESCRIPTION | | |
| | | | | 3 33 | | ASPHA | ALT | | | | |
| | | 1 | H | | | BASER | | | • | - | |
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| | | 4 | ┧╼ | 교 교 교 교 교 교 교 교 교 교 교 교 교 교 교 교 교 교 교 | | Lean CI | AY with sand | (CL): soft: ligh | t grey; moderate | | |
| 16 | a | 5 | | | | plasticit | y; silty; trace s | hell fragments | trace fine gravel; | | |
| 1.0 | | 6 | 2 | | | moist. | - • | _ | ٦. | | |
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| [| ` | 7 | | | | | | | | | |
| j | | 8 | 1-1 | | | | | - | | | |
| | ۱ , | 9 | | | | Gravell | v lest Ct AV (| CT), firm, darb | brown; 35% fine | | |
| ·} | | - | | | | sandsto | one/limestone | gravel, saturat | ed. | | |
| 12 | 54 | 11 | | | | Poorly-graded SAND with silt (SM); dark gray, fine to coarse; 10% fines, saturated. | | | | | |
| | į | 12 | H | | | Lean C | ean CLAY (CL); soft; dark green-gray; 5% fine sand; wet. | | | | |
| | | 13 | | | | Poorly gray; fi | graded SAND ne to coarse; 20 | with silt and g | ravel (SP); medium 10% fines; saturate | n rd. | |
| 25 | 79 | 15 | Ø | | | | | | parse sand to fine | | |
| |) | 16 | ď | 14.51 \ | NAME OF THE PERSON | | ivel, | | | | |
| | | | A | 1 |] | Well-gr | raded sand; bro | own; trace fine | s to fine sand, trace | <u>.</u> | |
| | | 17 — | | | | fine gr | avel; saturated | • | | | |
| | | 18 | H | | 1 | | | | | 1 | |
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| _ | | 20 — | <u> </u> | | | ~~~ | | | | | |
| | HYD | R 🛦 | _ | | | | SOU BO | RING LOG | PLATE | | |
| _ | ~ + | ~ C | | | | | | ND [,] | C-4 | | |

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| HYDR - ENVIR NMENTAL TECHN LOGIES, INC. | SOIL BORING LOG AND WELL CONSTRUCTION DIAGRAM MW-3 | PLATE C-4 SHEET 1 OF 1 |
|---|--|------------------------------|
| DATE September 2 1993 APPROVED BY: John H. Turney, P.E. | Ryerson Steel & Aluminum, Inc. 1465 65th Street Emeryville, CA 94608 | јов no. 7- 2 31 |

Table 9
Summary of Well Construction Details and Water Levels
Sybase, Inc.
64th and 65th Street Properties, Emeryville, California
(EKI 940018.08)

| | Date Depth of Screen | | Sand Pack | Top of Casing | 24 Mar | ch 1995 | 7 July 1995 | | |
|-------|----------------------|------------------|----------------------|----------------------|--------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------------|
| We\l | Well Installed | Well (ft bgs) | interval (ft bgs) | Interval (ft bgs) | Elevation (ft msl) | Depth to Water (fl bgs) | Groundwater Elevation (fl msl) | Dapih io Waler (fi bgs) | Groundwater Elevation (fl msl) |
| MW-1 | 3/6/95 | 20 | 5 - 20 | 4 - 20 | 18.24 | 2.97 | 15.27 | 3.81 | 14.43 |
| MW-2 | 3/8 /95 | 15.5 | 5.5 - 15.5 | 4 - 15,5 | 19.45 | 3.03 | 16.42 | 4.20 | 15.25 |
| K-WM | 3/7/95 | 19 | 4 - 19 | 3 - 19 | 15.24 | 2.72 | 12.52 | 6.22 | 9.02 |
| MW-4 | 3/6 /95 | .20 | 5 - 2 0 | 4 - 20 | 14.02 | 4.57 | 9.45 | 5.77 | B.25 |
| MW-5 | 3/7 /95 | 15 | 5 - 15 | 4 - 15 | 12.99 | 5,75 | 7.24 | 6.06 | 6,93 |
| MW-6 | 3/6 /95 | 14 | 4 - 14 | 3 - 14 | 12.66 | 2.55 | 10.11 | 5.01 | 7.65 |
| RMW-1 | 8/6/93 | 15 ,5 | 4.5~ 15.5 | 4 - 15.5 | 14.38 | 3.61 | 1 0.7 7 ^ . | 4.45 | 9,93 |
| RMW-2 | 8/6/93 | 15.5 | 4.5 - 15.5 | 4 - 15.5 | 14.55 - | ···3;35- | 11.2 | ·· 4.18 · | 10,37 ·· |
| RMW-3 | 8/6/93 | 15.5 | 4.5 - 15.5 | 4 - 15.5 | 14.15 | 2.95 | 11. 2 | 3.70 (a) | 10.45 |
| TMW-1 | 4/12/90 | 15 | 5 - 15 | 4 -15 | 16.31 | 2,59 | 13.72 | 3.27 | 13.04 |
| TMW-2 | 4/12/90 | 15.5 | 5 - 15 | 4 -15 | 15.57 | NM | - | NM | • |
| TMW-3 | 4/12/90 | 15.5 | 5 - 15 | 4 -15 | 15 <u>.15</u> | 1,65 | 13.5 | 2.28 | 12.87 |

NOTES:

(a) Free-phase hydrocarbons present at a thickness of less than 0.01 foot.

ABBREVIATIONS:

ft bgs = feet below ground surface

fi msi = feet relative to mean sea level

NM = not measured, well obstructed by dirt