H-2-4-19 DCFD

# ChemRisk/Shonka Research Associates, Inc., Document Request Form

#291B Box 3

**(This section to be completed by subcontractor requesting document)**

J. Lamb / 1034A

Requestor — Document Center (is requested to provide the following document)

Date of request ~~6/14/96~~ 6/28/96 Expected receipt of document ~~6/14/96~~ 7/14/96

Document number _____ Date of document 1959-1961

Title and author (if document is unnumbered)

Report of Water Analyses 1959-1961 (water and Mud)

RUSH

**(This section to be completed by Document Center)**

Date request received 6/28/96

Date submitted to ADC 7/8/96

Date submitted to HSA Coordinator 6/28/96

**(This section to be completed by HSA Coordinator)**

Date submitted to CICO 7/8/96

Date received from CICO 7/9/96

Date submitted to ChemRisk/Shonka and DOE 7/10/96

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8/7/96 - Entered RW-3 data

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Technical Information Officer Date

Oak Ridge K-25 Site

Union Carbide Nuclear Company, Oak Ridge Gaseous Diffusion Plant, Operating Contractor for the U.S. Atomic Energy Commission.

# REPORT OF WATER ANALYSES

REPORT NO. 32

Distribution:
A.F.Becher J.A.Parsons C.H.Mahoney
J.Dykstra W.H.Taylor T.C.Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1024 W | 12/2/61 | CW-1 | 12 | | | | |
| 1031 W | 12/9/61 | CW-1 | 36 | | | | |
| 1035 W | " | CW-7 | 0 | | | | |
| 1051 W | 12/16/61 | CW-1 | 18 | | | | |
| 1055 W | 12/17/61 | CW-7 | 20 | | | | |
| 1059 W | 12/23/61 | CW-1 | 20 | | | | |
| 1063 W | 12/22/61 | CW-7 | 20 | | | | |
| 1086 W | 12/30/61 | CW-1 | 12 | | | | |
| 1090 W | " | CW-7 | 8 | | | | |
| | | | | | | | |
| 68 M | December Composite | CW-5 | 8 | | | | |
| 69 M | " | CW-6 | 10 | | | | |
| 70 M | " | CW-8 | 6 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Contr~~ Files K25RC
Works Laborato[illegible]artment
Special Analysi[illegible]ion

SUPERVISOR T. Kwasnoski

DATE RELEASED March 26, 1962

# REPORT OF WATER ANALYSES

REPORT NO. 17

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM ~~ppb.~~ | FLUORIDES ppm. | pH | Microcuries/cc. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1086 W | 12/30/61 | CW-1 | $1.6 \times 10^{-8}$ | 0.7 | 5.9 | | $3.2 \times 10^{-8}$ |
| 1087 W | " | CW-3 | $1.1 \times 10^{-8}$ | 0.6 | 5.6 | $5.4 \times 10^{-8}$ | $4.6 \times 10^{-7}$ |
| 1088 W | " | CW-5 | $<7.0 \times 10^{-10}$ | | 6.2 | $<1.0 \times 10^{-8}$ | $6.5 \times 10^{-7}$ |
| 1089 W | " | CW-6 | | 1.2 | 6.7 | $<1.0 \times 10^{-8}$ | $1.5 \times 10^{-6}$ |
| 1090 W | " | CW-7 | $2.1 \times 10^{-9}$ | | 6.7 | | $3.5 \times 10^{-7}$ |
| 1091 W | " | CW-8 | $5.6 \times 10^{-9}$ | 1.1 | 6.5 | | $1.1 \times 10^{-7}$ |
| 1092 W | " | DW-1 | $<7.0 \times 10^{-10}$ | | 6.6 | $<1.0 \times 10^{-8}$ | $6.8 \times 10^{-7}$ |
| 1093 W | " | DW-3 | $2.1 \times 10^{-9}$ | | 6.7 | $<1.0 \times 10^{-8}$ | $8.1 \times 10^{-7}$ |
| | | | | | | | |
| 66 M | December Composite | CW-1 | | | | $2.7 \times 10^{-8}$ | |
| 67 M | " | CW-3 | | | | $<1.0 \times 10^{-8}$ | |
| 68 M | " | CW-5 | | | | $<1.0 \times 10^{-8}$ | |
| 69 M | " | CW-6 | | | | $<1.0 \times 10^{-8}$ | |
| 70 M | " | CW-8 | | | | $1.8 \times 10^{-8}$ | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuwoshi

DATE RELEASED January 24, 1962

# REPORT OF WATER ANALYSES

REPORT NO. 5

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM ~~ppb~~ | FLUORIDES ppm. | pH | ~~Microcuries/cc.~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1059 W | 12/23/61 | CW-1 | $2.2 \times 10^{-8}$ | 1.0 | 6.5 | | $4.1 \times 10^{-8}$ |
| 1060 W | 12/22/61 | CW-3 | $3.5 \times 10^{-9}$ | 0.4 | 6.8 | | $1.8 \times 10^{-7}$ |
| 1061 W | 12/23/61 | CW-5 | $<7.0 \times 10^{-10}$ | | 6.9 | $<1.0 \times 10^{-8}$ | $9.4 \times 10^{-7}$ |
| 1062 W | " | CW-6 | | 0.4 | 6.8 | $<1.0 \times 10^{-8}$ | $1.6 \times 10^{-6}$ |
| 1063 W | 12/22/61 | CW-7 | $5.6 \times 10^{-9}$ | | 6.9 | | $3.6 \times 10^{-7}$ |
| 1064 W | 12/23/61 | CW-8 | $7.0 \times 10^{-9}$ | 0.6 | 7.0 | | $3.6 \times 10^{-8}$ |
| 1065 W | 12/22/61 | DW-1 | $<7.0 \times 10^{-9}$ | | 5.9 | $<1.0 \times 10^{-8}$ | $5.8 \times 10^{-7}$ |
| 1066 W | 12/22/61 | DW-3 | $2.8 \times 10^{-9}$ | | 5.0 | $<1.0 \times 10^{-8}$ | $6.7 \times 10^{-7}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Centr[redacted]tes K25RG~~
Works Laborator[redacted]rtment
Special Analysis [redacted]ion

SUPERVISOR T. Kusonoki

DATE RELEASED January 24, 1962

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM ~~ppb~~ | FLUORIDES ppm. | pH | ~~Microcuries/cc.~~ ~~Counts per min/100 mlx~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1051 W | 12/16/61 | CW-1 | $2.1 \times 10^{-8}$ | 0.7 | 6.0 | | $4.1 \times 10^{-8}$ |
| 1052 W | 12/17/61 | CW-3 | $3.5 \times 10^{-9}$ | 0.3 | 6.3 | | $1.1 \times 10^{-7}$ |
| 1053 W | 12/16/61 | CW-5 | $<7.0 \times 10^{-10}$ | | 7.2 | $<1.0 \times 10^{-8}$ | $2.0 \times 10^{-6}$ |
| 1054 W | " | CW-6 | | 0.0 | 6.6 | $<1.0 \times 10^{-8}$ | $1.0 \times 10^{-6}$ |
| 1055 W | 12/17/61 | CW-7 | $2.8 \times 10^{-9}$ | | 6.5 | $<1.0 \times 10^{-8}$ | $1.9 \times 10^{-6}$ |
| 1056 W | 12/16/61 | CW-8 | $2.2 \times 10^{-8}$ | 0.6 | 6.5 | | $2.3 \times 10^{-8}$ |
| 1057 W | 12/17/61 | DW-1 | $<7.0 \times 10^{-10}$ | | 6.5 | $<1.0 \times 10^{-8}$ | $1.5 \times 10^{-6}$ |
| 1058 W | " | DW-3 | $3.5 \times 10^{-9}$ | | 6.2 | $<1.0 \times 10^{-8}$ | $3.6 \times 10^{-7}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuzmoski

DATE RELEASED January 24, 1962

# REPORT OF WATER ANALYSES

REPORT NO. 4

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM ~~xxx~~ | FLUORIDES ppm. | pH | Microcuries/cc. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1031 W | 12/9/61 | CW-1 | $1.4 \times 10^{-7}$ | 1.0 | 7.4 | | $1.1 \times 10^{-7}$ |
| 1032 W | " | CW-3 | $7.7 \times 10^{-9}$ | 0.4 | 7.4 | | $2.6 \times 10^{-7}$ |
| 1033 W | " | CW-5 | $1.4 \times 10^{-9}$ | | 7.9 | | $3.7 \times 10^{-7}$ |
| 1034 W | " | CW-6 | | 0.2 | 7.8 | | $3.4 \times 10^{-7}$ |
| 1035 W | " | CW-7 | $7.0 \times 10^{-10}$ | | 7.8 | | $3.4 \times 10^{-7}$ |
| 1036 W | " | CW-8 | $4.8 \times 10^{-8}$ | 1.4 | 7.6 | | $1.8 \times 10^{-8}$ |
| 1037 W | " | DW-1 | $<7.0 \times 10^{-10}$ | | 7.4 | $<1.0 \times 10^{-8}$ | $4.1 \times 10^{-7}$ |
| 1038 W | " | DW-3 | $4.2 \times 10^{-9}$ | | 7.5 | $<1.0 \times 10^{-8}$ | $4.3 \times 10^{-7}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Control Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T Kwasnoski

DATE RELEASED January 24, 1962

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# REPORT OF WATER ANALYSES

REPORT NO. 3

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM Microcuries/cc. ~~ppm.~~ | FLUORIDES ppm. | pH | Microcuries/cc. ~~Counts per min/100 ml.~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1024 W | 12/2/61 | CW-1 | $1.6 \times 10^{-7}$ | 3.5 | 8.4 | $<1.0 \times 10^{-8}$ | $1.0 \times 10^{-7}$ |
| 1025 W | " | CW-5 | $<7.0 \times 10^{-10}$ | | 8.2 | | $5.9 \times 10^{-7}$ |
| 1026 W | " | CW-6 | | 0.2 | 7.9 | $<1.0 \times 10^{-8}$ | $5.9 \times 10^{-7}$ |
| 1027 W | " | CW-8 | $3.1 \times 10^{-8}$ | 1.4 | 7.4 | $<1.0 \times 10^{-8}$ | $4.1 \times 10^{-8}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC.~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuroosaki

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# REPORT OF ~~WATER~~ ANALYSES (HPX)

REPORT NO. 12

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~xxx~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 999 W | 11/28/61 | 78 S Mt. Pisgah | 1.0 | | | 1.9 | 64 |
| 1000 W | " | 79 S Buttermilk Road | 1.8 | | | 2.8 | 174 |
| 1001 W | " | 80 S Lawnville | 1.4 | | | 2.5 | 63 |
| 1002 W | " | 81 S Little Emory / #61 | 1.6 | | | 2.3 | 90 |
| 1003 W | " | 82 S Black Oak Ridge / Credit Union | 2.9 | | | 3.0 | 195 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborator[illegible]artment
Special Analysis Section

SU[illegible]RVISOR T. Kwasnoski

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# REPORT OF WATER ANALYSES (HPX)

REPORT NO. 1

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM Microcuries/cc. ~~HPX~~ | FLUORIDES ppm. | pH | Microcuries/cc. ~~Counts per min/100 ml.~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 994 W | 11/28/61 | 78 W | $1.4 \times 10^{-9}$ | | 6.5 | $1.0 \times 10^{-8}$ | $4.1 \times 10^{-8}$ |
| 995 W | " | 79 W | $<7.0 \times 10^{-10}$ | | 7.2 | $<1.0 \times 10^{-8}$ | $<4.5 \times 10^{-9}$ |
| 996 W | " | 80 W | $7.0 \times 10^{-10}$ | | 7.5 | $<1.0 \times 10^{-8}$ | $9.0 \times 10^{-9}$ |
| 997 W | " | 81 W | $7.0 \times 10^{-10}$ | | 7.6 | $<1.0 \times 10^{-8}$ | $2.7 \times 10^{-8}$ |
| 998 W | " | 82 W | $7.0 \times 10^{-10}$ | | 8.1 | $<1.0 \times 10^{-8}$ | $4.5 \times 10^{-9}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuroda

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Mbs

# REPORT OF VEGETATION ANALYSES (HPX)

REPORT NO. 10

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson
J.Dykstra W.H.Taylor (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 gram ALPHA | Counts per min/100 gram BETA |
|---|---|---|---|---|---|---|---|
| 984 W | 11/27/61 | 78 P | <0.1 | 2.3 | | 0.1 | 342 |
| 985 W | " | 79 P Pine Needles | 0.4 | 3.0 | | <0.1 | 195 |
| 986 W | " | 80 P | 0.4 | 1.6 | | 0.2 | 191 |
| 987 W | " | 81 P | 0.1 | 9.1 | | 0.4 | 343 |
| 988 W | " | 82 P | 0.4 | 5.5 | | 0.4 | 190 |
| 989 W | " | 78 V | 0.1 | 4.7 | | 0.3 | 765 |
| 990 W | " | 79 V | 0.3 | 8.4 | | 0.4 | 509 |
| 991 W | " | 80 V Grasses | 0.7 | 13.1 | | 0.8 | 352 |
| 992 W | " | 81 V | <0.1 | 2.7 | | 0.5 | 846 |
| 993 W | " | 82 V | 0.5 | 3.2 | | 0.5 | 499 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Control Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasowski

DATE RELEASED 1/5/62

Recd 1/5/62

# REPORT OF WATER ANALYSES

REPORT NO. 08

Distribution:
A.F.Becher, J.Dykstra, J.A.Parsons, W.H.Taylor, T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM Microcuries/cc. ~~ppm.~~ | FLUORIDES ppm. | pH | Microcuries/cc. ~~Counts per 100 ml.~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 976 W | 11/25/61 | CW-1 | $7.6 \times 10^{-8}$ | 0.7 | 6.5 | | $1.1 \times 10^{-7}$ |
| 977 W | " | CW-3 | $9.0 \times 10^{-9}$ | 0.5 | 6.4 | $1.8 \times 10^{-8}$ | $2.5 \times 10^{-6}$ |
| 978 W | " | CW-5 | $2.1 \times 10^{-9}$ | | 7.0 | $1.8 \times 10^{-8}$ | $5.0 \times 10^{-7}$ |
| 979 W | " | CW-6 | | 0.7 | 6.3 | $3.6 \times 10^{-8}$ | $5.9 \times 10^{-7}$ |
| 980 W | " | CW-7 | $3.5 \times 10^{-9}$ | | 6.6 | $3.6 \times 10^{-8}$ | $5.9 \times 10^{-7}$ |
| 981 W | " | CW-8 | $5.1 \times 10^{-8}$ | 0.2 | 6.4 | | $2.2 \times 10^{-7}$ |
| 982 W | " | DW-1 | $5.6 \times 10^{-9}$ | | 6.9 | $1.8 \times 10^{-8}$ | $6.1 \times 10^{-7}$ |
| 983 W | " | DW-3 | $3.5 \times 10^{-9}$ | | 6.8 | $<1.0 \times 10^{-8}$ | $2.6 \times 10^{-7}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuronobi

DATE RELEASED 1/5/62

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. 09

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM 9 | 11/25/61 | MM 1 | 202 | | | 132.5 | 604 |
| MM 10 | " | MM 2 | 211 | | | 576.3 | 1848 |
| MM 11 | " | MM 3 | 15 | | | 16.9 | 456 |
| MM 12 | " | MM 4 | 3 | | | 4.1 | 484 |
| MM 13 | " | MM 5 | 34 | | | 33.1 | 196 |
| MM 14 | " | MM 6 1513 Raw Water C.R. | 1 | | | 1.7 | 301 |
| MM 15 | " | MM 8 | 31 | | | 46.2 | 849 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cent~~ ~~Files K25RC~~
Works Laborato[redacted]artment
Special Analysi[redacted]tion

SUPERVISOR T. Kwasnoski

DATE RELEASED 1/5/62

# REPORT OF WATER ANALYSES

REPORT NO. 07

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~microcuries/cc.~~ URANIUM ~~xxx~~ | FLUORIDES ppm. | pH | ~~microcuries/cc.~~ ~~Counts per min/100 mlX~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 964 W | 11/18/61 | CW-1 | $1.1 \times 10^{-7}$ | 1.1 | 7.3 | | $9.2 \times 10^{-8}$ |
| 965 W | " | CW-3 | $3.5 \times 10^{-9}$ | 0.9 | 7.4 | | $1.3 \times 10^{-6}$ |
| 966 W | " | CW-5 | $7.0 \times 10^{-10}$ | | 8.1 | | $1.2 \times 10^{-6}$ |
| 967 W | " | CW-6 | | 0.6 | 7.5 | | $7.4 \times 10^{-7}$ |
| 968 W | " | CW-7 | $7.0 \times 10^{-10}$ | | 7.6 | | $1.5 \times 10^{-6}$ |
| 969 W | " | CW-8 | $2.9 \times 10^{-8}$ | 0.8 | 7.6 | | $1.0 \times 10^{-7}$ |
| 970 W | " | DW-1 | $<7.0 \times 10^{-10}$ | | 7.4 | | $1.4 \times 10^{-6}$ |
| 971 W | " | DW-3 | $7.0 \times 10^{-10}$ | | 7.4 | | $1.4 \times 10^{-6}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

T. Kwasnoski

SUPERVISOR T. Kwasnoski

DATE RELEASED 12/6/61

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

REPORT NO. 06

# REPORT OF WATER ANALYSES

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM | FLUORIDES ppm. | pH | microcuries/cc. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 955 W | 11/11/61 | CW-1 | $1.7 \times 10^{-7}$ | 1.5 | 7.0 | | $1.1 \times 10^{-7}$ |
| 956 W | " | CW-3 | $7.7 \times 10^{-8}$ | 0.7 | 6.8 | | $2.3 \times 10^{-7}$ |
| 957 W | " | CW-5 | $<7.0 \times 10^{-10}$ | | 6.9 | $<1.0 \times 10^{-8}$ | $6.8 \times 10^{-7}$ |
| 958 W | " | CW-6 | | 0.4 | 6.8 | $<1.0 \times 10^{-8}$ | $6.2 \times 10^{-7}$ |
| 959 W | " | CW-7 | $7.0 \times 10^{-10}$ | | 6.6 | | $2.7 \times 10^{-7}$ |
| 960 W | " | CW-8 | $2.1 \times 10^{-7}$ | 1.4 | 6.8 | $2.5 \times 10^{-7}$ | $5.9 \times 10^{-7}$ |
| 961 W | " | DW-1 | $<7.0 \times 10^{-10}$ | | 6.7 | $<1.0 \times 10^{-8}$ | $3.1 \times 10^{-7}$ |
| 962 W | " | DW-3 | $<7.0 \times 10^{-10}$ | | 6.8 | $<1.0 \times 10^{-8}$ | $3.0 \times 10^{-7}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

T. Kwasnoski

SUPERVISOR T. Kwasnoski

DATE RELEASED 12/6/61

WCX-1012 (8-55)
~~Laboratory Contr[illegible] Files K25RC~~
Works Laborator[illegible]rtment
Special Analysis [illegible]ion

# REPORT OF WATER ANALYSES

REPORT NO. 105

Distribution:

A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM ~~ppm.~~ * | FLUORIDES ppm. | pH | Microcuries/cc. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 935 W | 11/4/61 | CW-1 | $2.4 \times 10^{-7}$ | 1.1 | 6.5 | | $4.0 \times 10^{-7}$ |
| 936 W | " | CW-3 | $3.5 \times 10^{-9}$ | 0.9 | 6.8 | | $4.2 \times 10^{-7}$ |
| 937 W | " | CW-5 | $7.0 \times 10^{-10}$ | | 7.4 | | $3.0 \times 10^{-7}$ |
| 938 W | " | CW-6 | | 0.4 | 7.3 | | $2.1 \times 10^{-7}$ |
| 939 W | " | CW-7 | $2.1 \times 10^{-9}$ | | 7.2 | | $4.4 \times 10^{-7}$ |
| 940 W | " | CW-8 | $2.6 \times 10^{-7}$ | 1.1 | 7.0 | | $4.2 \times 10^{-7}$ |
| 941 W | " | DW-1 | $7.0 \times 10^{-10}$ | | 7.0 | $1.8 \times 10^{-8}$ | $4.7 \times 10^{-6}$ |
| 942 W | " | DW-3 | $3.5 \times 10^{-9}$ | | 7.3 | $1.8 \times 10^{-8}$ | $4.5 \times 10^{-6}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

* Assumes natural uranium

SUPERVISOR T. Kwasnoski

DATE RELEASED 11/14/61

# REPORT OF WATER ANALYSES

REPORT NO. 31

Distribution:
A.F.Becher J.A.Parsons C.H.Mahoney
J.Dykstra W.H.Taylor T.C.Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 935 W | 11/4/61 | CW-1 | 26 | | | | |
| 939 W | " | CW-7 | 6 | | | | |
| 955 W | 11/11/61 | CW-1 | 28 | | | | |
| 959 W | " | CW-7 | 16 | | | | |
| 964 W | 11/18/61 | CW-1 | 22 | | | | |
| 968 W | " | CW-7 | 12 | | | | |
| 976 W | 11/25/61 | CW-1 | 0 | | | | |
| 980 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 63 M | November Composite | CW-5 | 0 | | | | |
| 64 M | " | CW-6 | 0 | | | | |
| 65 M | " | CW-8 | 0 | | | | |
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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kusumoto

DATE RELEASED March 26, 1962

# REPORT OF WATER ANALYSES

REPORT NO. 04

Distribution:
A.F.Becher J. A. Parsons T.C.Whitson(RC)
J.Dykstra W. H. Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM * | FLUORIDES ppm. | pH | Microcuries/cc. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 915 W | 10/28/61 | CW-1 | $4.0 \times 10^{-7}$ | 1.3 | 6.8 | | $9.2 \times 10^{-8}$ |
| 916 W | " | CW-3 | $9.8 \times 10^{-9}$ | 0.2 | 7.4 | | $5.4 \times 10^{-8}$ |
| 917 W | " | CW-5 | $5.6 \times 10^{-9}$ | | 7.6 | | $6.3 \times 10^{-8}$ |
| 918 W | " | CW-6 | | 0.2 | 7.6 | | $2.7 \times 10^{-8}$ |
| 919 W | " | CW-7 | $7.0 \times 10^{-9}$ | | 6.9 | | $2.3 \times 10^{-7}$ |
| 920 W | " | CW-8 | $1.3 \times 10^{-7}$ | 4.1 | 6.8 | | $3.0 \times 10^{-7}$ |
| 921 W | " | DW-1 | $2.8 \times 10^{-9}$ | | 6.8 | $<1.0 \times 10^{-8}$ | $5.4 \times 10^{-8}$ |
| 922 W | " | DW-3 | $2.8 \times 10^{-9}$ | | 7.0 | $<1.0 \times 10^{-8}$ | $5.0 \times 10^{-8}$ |
| | | | | | | | |
| 56 M | October Composite | CW-1 | | | | $2.0 \times 10^{-7}$ | |
| 57 M | " | CW-3 | | | | $1.8 \times 10^{-8}$ | |
| 58 M | " | CW-5 | $3.5 \times 10^{-9}$ | | | $<1.0 \times 10^{-8}$ | |
| 59 M | " | CW-6 | | | | $<1.0 \times 10^{-8}$ | |
| 60 M | " | CW-8 | | | | $1.6 \times 10^{-7}$ | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

* Assumes natural uranium

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Special Analysis Section

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# REPORT OF WATER ANALYSES

REPORT NO. 3

Distribution:

A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM ~~ppb~~ * | FLUORIDES ppm. | pH | Microcuries/cc. ~~Counts per min/100 ml~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 903 W | 10/21/61 | CW No. 1 | $1.3 \times 10^{-7}$ | 1.4 | 6.7 | | $5.4 \times 10^{-8}$ |
| 904 W | " | CW No. 3 | $5.6 \times 10^{-9}$ | 0.4 | 7.1 | | $6.8 \times 10^{-7}$ |
| 905 W | " | CW No. 5 | $1.4 \times 10^{-9}$ | | 7.4 | | $1.4 \times 10^{-7}$ |
| 906 W | " | CW No. 6 | | 0.2 | 7.2 | | $1.3 \times 10^{-7}$ |
| 907 W | " | CW No. 7 | $2.1 \times 10^{-9}$ | | 7.1 | | $4.5 \times 10^{-8}$ |
| 908 W | " | CW No. 8 | $1.2 \times 10^{-7}$ | 1.7 | 7.3 | $<1.0 \times 10^{-8}$ | $5.0 \times 10^{-8}$ |
| 909 W | " | DW-1 | $2.1 \times 10^{-9}$ | | 7.1 | | $4.1 \times 10^{-8}$ |
| 910 W | " | DW-3 | $2.1 \times 10^{-9}$ | | 7.2 | | $9.0 \times 10^{-8}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

* Assumes natural uranium.

WCX-1012 (8-55)
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# REPORT OF WATER ANALYSES

REPORT NO. 99

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM ~~ppm~~ | FLUORIDES ppm. | pH | Microcuries/cc. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 883 W | 10/14/61 | CW-1 | 0.72 X10⁻⁷ 7.2x10⁻⁸ | 2.1 | 6.7 | 0.58 X10⁻⁷ 5.8x10⁻⁸ | 8.9x10⁻⁷ |
| 884 W | " | CW-3 | 0.035 X10⁻⁷ 3.5x10⁻⁹ | 0.2 | 7.1 | | 2.3x10⁻⁷ |
| 885 W | " | CW-5 | <7.0X10⁻¹⁰ | | 7.4 | | 2.7x10⁻⁷ |
| 886 W | " | CW-6 | | 0.2 | 7.4 | | 2.3x10⁻⁷ |
| 887 W | " | CW-7 | <7.0X10⁻¹⁰ | | 7.3 | | 1.9x10⁻⁷ |
| 888 W | " | CW-8 | 1.1x10⁻⁷ | 1.2 | 7.2 | 0.01 X10⁻⁷ <1.0X10⁻⁹ | 0.77 X10⁻⁷ 7.7x10⁻⁸ |
| 889 W | " | DW-1 | 0.021 X10⁻⁷ 2.1x10⁻⁹ | | 7.0 | | 2.8x10⁻⁷ |
| 890 W | " | DW-3 | <7.0X10⁻¹⁰ | | 6.9 | <1.0X10⁻⁹ | 1.2x10⁻⁷ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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SUPERVISOR T. Kuwowski

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# REPORT OF WATER ANALYSES

REPORT NO. 28

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM ~~xxx~~ | FLUORIDES ppm. | pH | Microcuries/cc. ~~Counts per min/100 ml~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 875 W | 10/7/61 | CW-1 | $2.3 \times 10^{-7}$ | 0.7 | 8.3 | | $8.5 \times 10^{-8}$ |
| 876 W | " | CW-3 | $4.9 \times 10^{-9}$ | 0.3 | 7.9 | | $2.7 \times 10^{-7}$ |
| 877 W | " | CW-5 | 0 | | 7.9 | | $9.0 \times 10^{-8}$ |
| 878 W | " | CW-6 | | 0.0 | 7.9 | | $5.4 \times 10^{-8}$ |
| 879 W | " | CW-7 | $7.0 \times 10^{-10}$ | | 7.8 | | $2.6 \times 10^{-7}$ |
| 880 W | " | CW-8 | $2.0 \times 10^{-8}$ | 1.4 | 7.7 | $1.0 \times 10^{-7}$ | $1.6 \times 10^{-6}$ |
| 881 W | " | DW-1 | 0 | | 7.3 | $< 1.0 \times 10^{-9}$ | $1.8 \times 10^{-7}$ |
| 882 W | " | DW-3 | $3.5 \times 10^{-9}$ | | 7.5 | $9.0 \times 10^{-9}$ | $2.3 \times 10^{-7}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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SUPERVISOR T. Kwasnoski

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# REPORT OF WATER ANALYSES

REPORT NO. 30

Distribution:
A.F.Becher J.A.Parsons C.H.Mahoney
J.Dykstra W.H.Taylor T.C.Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~URANIUM~~ Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 875 W | 10/7/61 | CW-1 | 6 | | | | |
| 879 W | " | CW-7 | 0 | | | | |
| 883 W | 10/14/61 | CW-1 | 4 | | | | |
| 887 W | " | CW-7 | 0 | | | | |
| 903 W | 10/21/61 | CW-1 | 2 | | | | |
| 907 W | " | CW-7 | 0 | | | | |
| 915 W | 10/28/61 | CW-1 | 8 | | | | |
| 919 W | " | CW-7 | 16 | | | | |
| 58 M | October Composite | CW-5 | 16 | | | | |
| 59 M | " | CW-6 | 18 | | | | |
| 60 M | " | CW-8 | 26 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SUPERVISOR T. Kurosaki

DATE RELEASED March 26, 1962

REPORT NO. 1

# REPORT OF WATER ANALYSES

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~Microcuries/cc.~~ URANIUM ~~ppb.~~ | FLUORIDES ppm. | pH | ~~Microcuries/cc.~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 863 W | 9/30/61 | CW-1 | $1.1 \times 10^{-7}$ | 1.2 | 7.0 | | |
| 864 W | " | CW-3 | $1.3 \times 10^{-6}$ | .1 | 7.4 | | $5.0 \times 10^{-8}$ |
| 865 W | " | CW-5 | $7.0 \times 10^{-4}$ | .1 | 7.9 | | $2.7 \times 10^{-8}$ |
| 866 W | " | CW-6 | | | 7.6 | | $4.5 \times 10^{-9}$ |
| 867 W | " | CW-7 | $5.6 \times 10^{-5}$ | | 7.7 | | $3.2 \times 10^{-8}$ |
| 868 W | " | CW-8 | $5.5 \times 10^{-6}$ | 2.7 | 7.5 | $2.0 \times 10^{-7}$ | $4.5 \times 10^{-9}$ |
| 869 W | " | DW-1 | $<7.0 \times 10^{-10}$ | | 7.2 | $<1.0 \times 10^{-9}$ | $3.6 \times 10^{-8}$ |
| 870 W | " | DW-3 | $<7.0 \times 10^{-10}$ | | 7.5 | $9.0 \times 10^{-9}$ | $2.7 \times 10^{-8}$ |
| | | | | | | | |
| 51 M | September Composite | CW-1 | | | | $3.6 \times 10^{-8}$ | |
| 52 M | " | CW-3 | | | | $9.0 \times 10^{-9}$ | |
| 53 M | " | CW-5 | | | | $<1.0 \times 10^{-9}$ | |
| 54 M | " | CW-6 | $<7.0 \times 10^{-10}$ | | | $9.0 \times 10^{-9}$ | |
| 55 M | " | CW-8 | | | | $5.4 \times 10^{-8}$ | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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SUPERVISOR T. Kusnoski

DATE RELEASED October 27, 1961

# REPORT OF WATER ANALYSES

REPORT NO. _____

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 854 W | 9/23/61 | CW-1 | $9.9 \times 10^{-8}$ | 0.9 | 7.3 | | $< 4.5 \times 10^{-7}$ |
| 855 W | " | CW-3 | $9.1 \times 10^{-9}$ | 1.7 | 7.7 | | $1.8 \times 10^{-8}$ |
| 856 W | " | CW-5 | $2.1 \times 10^{-9}$ | .3 | 8.5 | | $6.3 \times 10^{-8}$ |
| 857 W | " | CW-6 | | .1 | 7.5 | | $< 4.5 \times 10^{-7}$ |
| 858 W | " | CW-7 | $2.1 \times 10^{-9}$ | | 7.6 | | $< 4.5 \times 10^{-7}$ |
| 859 W | " | CW-8 | $1.3 \times 10^{-7}$ | 1.7 | 7.7 | $< 1.0 \times 10^{-9}$ | $9.0 \times 10^{-8}$ |
| 860 W | " | DW-1 | $7.0 \times 10^{-10}$ | | 7.6 | | $1.8 \times 10^{-8}$ |
| 861 W | " | DW-3 | $3.5 \times 10^{-9}$ | | 8.1 | $1.8 \times 10^{-8}$ | $4.1 \times 10^{-8}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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REPORT NO. 4

# REPORT OF WATER ANALYSES

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J. Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM ~~ppb~~ | FLUORIDES ppm. | pH | ~~Microcuries/cc.~~ ~~Counts per min/100 ml.~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 809 W | 9/9/61 | CW-1 | $8.9 \times 10^{-8}$ | 2.0 | 7.1 | | $5.8 \times 10^{-8}$ |
| 810 W | " | CW-3 | $8.4 \times 10^{-9}$ | 0.7 | 7.7 | | $9.9 \times 10^{-8}$ |
| 811 W | " | CW-5 | $4.2 \times 10^{-9}$ | | 8.3 | | $6.8 \times 10^{-8}$ |
| 812 W | " | CW-6 | | 0.4 | 7.4 | | $6.3 \times 10^{-8}$ |
| 813 W | " | CW-7 | $3.5 \times 10^{-9}$ | | 7.7 | | $3.2 \times 10^{-8}$ |
| 814 W | " | CW-8 | $2.2 \times 10^{-8}$ | 0.8 | 8.5 | | $2.3 \times 10^{-8}$ |
| 815 W | " | DW-1 | $<7.0 \times 10^{-10}$ | | 7.3 | $<1.0 \times 10^{-9}$ | $4.1 \times 10^{-8}$ |
| 816 W | " | DW-3 | $2.8 \times 10^{-9}$ | | 7.8 | $<1.0 \times 10^{-9}$ | $1.4 \times 10^{-7}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SUPERVISOR T. Kwasnoski

DATE RELEASED October 27, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 25

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J. Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Microcuries/cc. URANIUM ~~ppb.~~ | FLUORIDES ppm. | pH | Microcuries/cc. ~~Counts per min/100 ml.~~ ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 828 W | 9/16/61 | CW-1 | $8.0 \times 10^{-8}$ | 1.0 | 7.0 | | $5.0 \times 10^{-8}$ |
| 829 W | " | CW-3 | $4.2 \times 10^{-9}$ | .3 | 7.1 | | $3.7 \times 10^{-7}$ |
| 830 W | " | CW-5 | $<7.0 \times 10^{-10}$ | | 8.0 | | $5.4 \times 10^{-8}$ |
| 831 W | " | CW-6 | | .2 | 7.5 | | $3.6 \times 10^{-8}$ |
| 832 W | " | CW-7 | $8.4 \times 10^{-9}$ | | 7.7 | | $5.8 \times 10^{-8}$ |
| 833 W | " | CW-8 | $4.7 \times 10^{-8}$ | 1.0 | 7.9 | | $3.2 \times 10^{-8}$ |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED October 27, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 3

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 800 W | 9/2/61 | CW-1 | 52 | 1.1 | 7.1 | | 11 |
| 801 W | " | CW-3 | 28 | 0.3 | 7.3 | | 21 |
| 802 W | " | CW-5 | 2 | | 8.3 | | 79 |
| 803 W | " | CW-6 | | 0.0 | 7.5 | 0 | 116 |
| 804 W | " | CW-7 | 7 | 2.7 | 7.7 | | 14 |
| 805 W | " | CW-8 | 68 | | 7.3 | | 64 |

Safety and Health Physics
1961 SEP 21 PM 4:03

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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# REPORT OF WATER ANALYSES

REPORT NO. [illegible]9

Distribution:
A.F.Becher J.A.Parsons C.H.Mahoney
J.Dykstra W.H.Taylor T.C.Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 800 W | 9/2/61 | CW-1 | 0 | | | | |
| 804 W | " | CW-7 | 0 | | | | |
| 809 W | 9/9/61 | CW-1 | 0 | | | | |
| 813 W | " | CW-7 | 0 | | | | |
| 828 W | 9/16/61 | CW-1 | 2 | | | | |
| 832 W | " | CW-7 | 0 | | | | |
| 854 W | 9/23/61 | CW-1 | 2 | | | | |
| 858 W | " | CW-7 | 0 | | | | |
| 863 W | 9/30/61 | CW-1 | 12 | | | | |
| 867 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 53 M | September Composite | CW-5 | 4 | | | | |
| 54 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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DATE RELEASED March 26, 1962

# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 44 M | August Composite | CW-1 | | | | 4 | |
| 45 M | " | CW-3 | | | | 0 | |
| 46 M | " | CW-4 | | | | 0 | |
| 47 M | " | CW-5 | | | | 0 | |
| 48 M | " | CW-6 | | | | 0 | |
| 49 M | " | CW-8 | <1 | | | 19 | |
| 50 M | " | CW-2 | | | | 2 | |

Safety and Health Physics
1961 SEP 21 PM 4:02

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory [redacted]rtment
Special Analysis [redacted]on

SUPERVISOR T. Kwanowski

DATE RELEASED 9/18/61

# REPORT OF WATER ANALYSES

REPORT NO. 391

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 778 W | 8/26/61 | CW-1 | 53 | 0.7 | 6.9 | | 10 |
| 779 W | " | CW-2 | 4 | 0.5 | 7.0 | | 52 |
| 780 W | " | CW-3 | 7 | 0.3 | 7.0 | | 41 |
| 781 W | " | CW-4 | 3 | 0.0 | 7.2 | 0 | 150 |
| 782 W | " | CW-5 | 2 | | 7.4 | | 78 |
| 783 W | " | CW-6 | | 0.0 | 7.5 | | 33 |
| 784 W | " | CW-7 | 4 | | 7.5 | 0 | 155 |
| 785 W | " | CW-8 | 77 | 0.5 | 7.4 | | 9 |
| 786 W | " | DW-1 | 0 | | 7.2 | 0 | 152 |
| 787 W | " | DW-3 | 2 | | 7.3 | 0 | 184 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kwasvoski

DATE RELEASED 9/18/61

REPORT NO. 101

# REPORT OF ~~WATER~~ ANALYSES

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM-1 | 8/19/61 | MM-1 | 124 | | | 94 | 625 |
| MM-2 | " | MM-2 | 397 | | | 876 | 2621 |
| MM-3 | " | MM-3 | 14 | | | 19 | 1037 |
| MM-4 | " | MM-4 | 3 | | | 5 | 370 |
| MM-5 | " | MM-5 | 5 | | | 8 | 60 |
| MM-6 | " | MM-6 | 1 | | | 3 | 699 |
| MM-8 | " | MM-8 | 11 | | | 21 | 74 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Centr~~ [illegible]es K25RC
Works Laborator[illegible]rtment
Special Analysis [illegible]ion

SUPERVISOR T. Kwasvoski

DATE RELEASED 11/14/61

# REPORT OF WATER ANALYSES

REPORT NO. 90

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 748 W | 8/19/61 | CW-1 | 98 | 1.7 | 7.1 | | 10 |
| 749 W | " | CW-2 | 20 | | 7.2 | | 24 |
| 750 W | " | CW-3 | 3 | 0.4 | 7.3 | | 43 |
| 751 W | " | CW-4 | 1 | 0.3 | 7.3 | | 22 |
| 752 W | " | CW-5 | 8 | | 7.4 | | 86 |
| 753 W | " | CW-6 | | 0.0 | 7.5 | 0 | 121 |
| 754 W | " | CW-7 | 3 | | 7.5 | | 20 |
| 755 W | " | CW-8 | 84 | 0.8 | 7.5 | | 10 |
| 756 W | " | DW-1 | 3 | | 7.4 | 0 | 30 |
| 757 W | " | DW-3 | 1 | | 7.4 | 0 | 76 |

Safety and Health Physics

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Control Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwonoshi

DATE RELEASED 9/18/61

# REPORT OF WATER ANALYSES

REPORT NO. 89

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 727 W | 8/12/61 | CW-1 | 72 | 1.0 | 7.0 | | 12 |
| 728 W | " | CW-3 | 8 | 1.0 | 7.1 | | 26 |
| 729 W | " | CW-4 | 0 | 0.7 | 7.2 | | 32 |
| 730 W | " | CW-5 | 4 | | 8.0 | | 82 |
| 731 W | " | CW-6 | | 0.0 | 7.4 | | 42 |
| 732 W | " | CW-7 | 12 | | 7.5 | 1 | 211 |
| 733 W | " | CW-8 | 159 | 0.8 | 8.7 | | 52 |
| 734 W | " | DW-1 | 4 | | 7.5 | 0 | 196 |
| 735 W | " | DW-3 | 1 | | 7.4 | 0 | 111 |

Safety and Health Physics

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RG~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED 9/18/61

Safety and Health Physics

# REPORT OF WATER ANALYSES

REPORT NO. 388

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

1961 SEP 21 PM 4:02

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 704 W | 8/5/61 | CW-1 | 51 | 0.5 | 7.3 | | 6 |
| 705 W | " | CW-3 | 6 | 2.5 | 7.4 | | 30 |
| 706 W | " | CW-4 | 1 | | 7.7 | | 35 |
| 707 W | " | CW-5 | 3 | | 8.2 | | 42 |
| 708 W | " | CW-6 | | 0.2 | 7.4 | | 31 |
| 709 W | " | CW-7 | 1 | | 7.7 | 0 | 102 |
| 710 W | " | CW-8 | 11 | 0.4 | 7.6 | | 4 |
| 711 W | " | DW-3 | 3 | | 7.8 | 0 | 58 |
| 712 W | " | DW-1 | 1 | | 7.0 | 0 | 28 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusnoki

DATE RELEASED 9/18/61

REPORT NO. 428

# REPORT OF WATER ANALYSES

Distribution:
A.F.Becher J.A.Parsons C.H.Mahoney
J.Dykstra W.H.Taylor T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 704 W | 8/5/61 | CW-1 | 12 | | | | |
| 709 W | " | CW-7 | 6 | | | | |
| 727 W | 8/12/61 | CW-1 | 10 | | | | |
| 732 W | " | CW-7 | 2 | | | | |
| 748 W | 8/19/61 | CW-1 | 10 | | | | |
| 754 W | " | CW-3 | 6 | | | | |
| 778 W | 8/26/61 | CW-1 | 8 | | | | |
| 784 W | " | CW-7 | 2 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory [redacted]rtment
Special Analysis [redacted]on

SUPERVISOR T. Kusunoki

DATE RELEASED March 26, 1962

# REPORT OF WATER ANALYSES

REPORT NO. 37

Distribution:
G. Hill
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb.~~ ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 654 W | 7/24/61 | HPX-100 W - Holding Pond - 93 ml. | 5.4 | | | 392 | 35,368 |
| 655 W | " | HPX-101 W - Holding Pond - 300 ml. | 0.53 | | 6.2 | 241 | 2,580 |

AUG 16 AM 10:02
Safety and Health Physics

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Control~~ Files K25RG
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusnoki

DATE RELEASED August 16, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 595 W | 7/1/61 | CW-1 | 0 | | | | |
| 599 W | " | CW-7 | 0 | | | | |
| 603 W | 7/8/61 | CW-1 | 4 | | | | |
| 608 W | " | CW-7 | 4 | | | | |
| 625 W | 7/15/61 | CW-1 | 0 | | | | |
| 630 W | " | CW-7 | 0 | | | | |
| 656 W | 7/22/61 | CW-1 | 4 | | | | |
| 661 W | " | CW-7 | 4 | | | | |
| 677 W | 7/29/61 | CW-1 | <1 | | | | |
| 682 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 40 M | July Composite | CW-4 | 0 | | | | |
| 41 M | " | CW-5 | 0 | | | | |
| 42 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Safety and Health Physics

1961 Nov 24 PM 12:00

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborato[illegible]artment
Special Analysis [illegible]ction

SUPERVISOR T. Kwasnoski

DATE RELEASED August 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 61-25

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 677 W | 7/29/61 | CW-1 | 31 | 0.4 | 6.7 | | 5 |
| 678 W | " | CW-3 | 5 | 0.2 | 6.7 | | 37 |
| 679 W | " | CW-4 | <1 | 0.3 | 6.9 | | 43 |
| 680 W | " | CW-5 | 1 | | 7.0 | | 69 |
| 681 W | " | CW-6 | | 0.0 | 6.8 | | 94 |
| 682 W | " | CW-7 | 5 | | 7.0 | | 40 |
| 683 W | " | CW-8 | 5 | 0.0 | 7.1 | | 0 |
| 684 W | " | DW-1 | 1 | | 6.9 | 0 | 43 |
| 685 W | " | DW-3 | 3 | | 6.8 | 0 | 10 |
| | | | | | | | |
| 38 M | July Composite | CW-1 | | | | 4 | |
| 39 M | " | CW-3 | | | | 2 | |
| 40 M | " | CW-4 | | | | 0 | |
| 41 M | " | CW-5 | | | | 0 | |
| 42 M | " | CW-6 | <1 | | | 0 | |
| 43 M | " | CW-8 | | | | 2 | |
| | | | | | | | |

Safety and Health Physics

1961 AUG 27 PM 12:00

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED August 11, 1961

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REPORT NO. 384

# REPORT OF WATER ANALYSES

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 656 W | 7/22/61 | CW-1 | 14 | 0.3 | 6.4 | | 3 |
| 657 W | " | CW-3 | 17 | 0.3 | 6.9 | | 88 |
| 658 W | " | CW-4 | 5 | 0.2 | 6.8 | 0 | 146 |
| 659 W | " | CW-5 | 0 | | 7.3 | 0 | 134 |
| 660 W | " | CW-6 | | 0.2 | 6.8 | 0 | 131 |
| 661 W | " | CW-7 | 5 | | 6.6 | 0 | 134 |
| 662 W | " | CW-8 | 8 | 0.2 | 6.7 | | 7 |
| 663 W | " | DW-1 | 0 | | 6.7 | 0 | 105 |
| 664 W | " | DW-3 | 0 | | 6.4 | 0 | 16 |

Safety and Health Physics

1961 AUG 14 PM 12:00

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborato[illegible]artment
Special Analysis [illegible]tion

SUPERVISOR T. Kwasnoski

DATE RELEASED August 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 33

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 625 W | 7/15/61 | CW-1 | 65 | 1.5 | 6.8 | | 12 |
| 626 W | " | CW-3 | 13 | 0.9 | 7.1 | | 64 |
| 627 | " | CW-4 | 3 | 0.0 | 7.2 | 0 | 129 |
| 628 | " | CW-5 | <1 | | 7.6 | | 44 |
| 629 W | " | CW-6 | | 0.0 | 7.3 | | 45 |
| 630 W | " | CW-7 | 1 | | 7.5 | 0 | 114 |
| 631 W | " | CW-8 | 22 | 0.5 | 7.4 | | 9 |
| 632 W | " | DW-1 | <1 | | 7.1 | 1 | 59 |
| 633 W | " | DW-3 | 5 | | 7.3 | 0 | 54 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwiatkowski

DATE RELEASED August 11, 1961

REPORT NO. 382

# REPORT OF WATER ANALYSES

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 603 W | 7/8/61 | CW-1 | 48 | 0.4 | 6.5 | | 18 |
| 604 W | " | CW-3 (Dipped) | 9 | 2.6 | 6.6 | | 35 |
| 605 W | " | CW-4 (Dipped) | 5 | 0.3 | 6.6 | | 64 |
| 606 W | " | CW-5 | <1 | | 6.7 | | 44 |
| 607 W | " | CW-6 | | 0.3 | 6.8 | | 48 |
| 608 W | " | CW-7 | <1 | | 6.8 | 0 | 173 |
| 609 W | " | CW-8 | 22 | 0.4 | 6.8 | | 9 |
| 610 W | " | DW-1 | 0 | | 6.9 | 0 | 33 |
| 611 W | " | DW-3 | 2 | | 6.8 | 0 | 55 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files~~ K25RC
Works Laboratory [illegible]rtment
Special Analysis [illegible]on

SUPERVISOR T. Kwasnoski

DATE RELEASED August 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 381

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
J.Dykstra W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 595 W | 7/1/61 | CW-1 | 89 | 0.6 | 6.9 | | 13 |
| 596 W | " | CW-3 | 5 | 0.4 | 7.0 | | 51 |
| 597 W | " | CW-5 | 7 | | 7.1 | 0 | 159 |
| 598 W | " | CW-6 | | 0.4 | 7.1 | 0 | 206 |
| 599 W | " | CW-7 | 2 | | 7.2 | | 53 |
| 600 W | " | CW-8 | 16 | 0.3 | 7.1 | | 9 |
| 601 W | " | DW-1 | <1 | | 7.1 | 0 | 31 |
| 602 W | " | DW-3 | 2 | | 7.1 | 0 | 145 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kurosaki

DATE RELEASED August 11, 1961

REPORT NO. 580

# REPORT OF WATER ANALYSES

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 574 W | 6/24/61 | CW-1 | 40 | 0.5 | 6.7 | | 7 |
| 575 W | " | CW-3 | 7 | 0.3 | 6.9 | | 291 |
| 576 W | " | CW-4 | 4 | 0.3 | 7.0 | | 189 |
| 577 W | " | CW-5 | 1 | | 7.3 | | 333 |
| 578 W | " | CW-6 | | 0.1 | 7.3 | | 371 |
| 579 W | " | CW-7 | 8 | | 7.3 | | 335 |
| 580 W | " | CW-8 | 54 | 0.3 | 7.4 | | 8 |
| 581 W | " | DW-1 | <1 | | 7.3 | 0.0 | 245 |
| 582 W | " | DW-3 | 1 | | 7.3 | 2.7 | 318 |
| 32 M | June Composite | CW-1 | | | | 1.3 | |
| 33 M | " | CW-3 | | | | 0.8 | |
| 34 M | " | CW-4 | | | | 0.5 | |
| 35 M | " | CW-5 | | | | 0.2 | |
| 36 M | " | CW-6 | | | | 0.1 | |
| 37 M | " | CW-8 | <1 | | | 2.3 | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Centr~~ Files K25RC
Works Laborator[redacted]rtment
Special Analysis[redacted]on

SUPERVISOR T.C. Whitson for TK. DATE RELEASED July 12, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 379

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | MERCURY ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 527 W | 6/3/61 | CW-1 | 8 | | | | |
| 528 W | " | CW-7 | 8 | | | | |
| 533 W | 6/10/61 | CW-1 | 0 | | | | |
| 538 W | " | CW-7 | 0 | | | | |
| 554 W | 6/17/61 | CW-1 | 0 | | | | |
| 558 W | " | CW-7 | 0 | | | | |
| 574 W | 6/24/61 | CW-1 | 0 | | | | |
| 579 W | " | CW-7 | 0 | | | | |
| 34 M | June Composite | CW-4 | 0 | | | | |
| 35 M | " | CW-5 | 0 | | | | |
| 36 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasvoski

DATE RELEASED July 5, 1961

W.E.M.

# REPORT OF WATER ANALYSES

REPORT NO. 1

Distribution: B&N

~~N. Schultz~~

T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 466 W | 5/16/61 | K-1131 Drain line | 1 | 6.6 | 6.4 | 6 | 1,165 |
| 467 W | " | K-1410 Drain line | 4,250 | 210.0 | 4.6 | 125,690 | 14,457,651 |
| 468 W | " | K-413 Drain line | 3 | 260.0 | 5.0 | 9 | 880 |
| 469 W | " | K-1410 Poplar Creek Discharge | 77 | 9.6 | 6.2 | 11 | 548 |

Safety and Health
Physics

1961 JUN 9 PM 3:20

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Contr~~ Files K25RC
Works Laborator[redacted]rtment
Special Analysis [redacted]ion

SUPERVISOR [redacted]

DATE RELEASED June 7, 1961 [redacted]

# REPORT OF WATER ANALYSES

REPORT NO. 3

Distribution:

A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | MERCURY ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 424 W | 5/6/61 | CW-1 | 0 | | | | |
| 429 W | " | CW-7 | 0 | | | | |
| 445 W | 5/13/61 | CW-1 | 40 | | | | |
| 450 W | " | CW-7 | 4 | | | | |
| 481 W | 5/20/61 | CW-1 | 50 | | | | |
| 486 W | " | CW-7 | 8 | | | | |
| 502 W | 5/27/61 | CW-1 | 26 | | | | |
| 507 W | " | CW-7 | 18 | | | | |
| 28 M | May Composite | CW-4 | 4 | | | | |
| 29 M | " | CW-5 | 0 | | | | |
| 30 M | " | CW-6 | 8 | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RG~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwanoski

DATE RELEASED July 5, 1961

REPORT NO. 377

# REPORT OF WATER ANALYSES

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | MERCURY ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 328 W | 4/1/61 | CW-1 | 0 | | | | |
| 333 W | " | CW-7 | 0 | | | | |
| 349 W | 4/6/61 | CW-1 | 0 | | | | |
| 353 W | " | CW-7 | 0 | | | | |
| 369 W | 4/15/61 | CW-1 | 0 | | | | |
| 374 W | " | CW-7 | 0 | | | | |
| 390 W | 4/22/61 | CW-1 | 10 | | | | |
| 395 W | " | CW-7 | 9 | | | | |
| 403 W | 4/29/61 | CW-1 | 0 | | | | |
| 408 W | " | CW-7 | 0 | | | | |
| 22 M | April Composite | CW-4 | 0 | | | | |
| 23 M | " | CW-5 | 0 | | | | |
| 24 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cent~~ Files K25RC
Works Laborato[illegible]artment
Special Analysi[illegible]tion

SUPERVISOR T. Kusunoki

DATE RELEASED July 5, 1961

# REPORT OF WATER ANALYSES

REPORT NO. [redacted]76

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 554 W | 6/17/61 | CW-1 | 26 | 0.1 | 6.3 | 2 | 106 |
| 555 W | " | CW-3 | 5 | 0.3 | 6.5 | 0 | 397 |
| 556 W | " | CW-5 | 5 | | 6.6 | 0 | 301 |
| 557 W | " | CW-6 | | 0.2 | 6.5 | 0 | 264 |
| 558 W | " | CW-7 | 4 | | 6.6 | 0 | 350 |
| 559 W | " | CW-8 | 7 | 0.2 | 6.6 | 1 | 665 |
| 560 W | " | DW-1 | <1 | | 6.4 | 0 | 365 |
| 561 W | " | DW-3 | <1 | | 6.6 | 1 | 476 |

Safety and Health Physics
1961 JUL 6 AM 10:37

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED July 3, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 1

Distribution:
A.F.Becher, J.A.Parsons, T.C.Whitson(RC), E.C.Bollinger, W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 533 W | 6/10/61 | CW-1 | 44 | 0.7 | 6.6 | | 14 |
| 534 W | " | CW-3 | 17 | 0.8 | 6.7 | | 96 |
| 535 W | " | CW-4 | 7 | 0.5 | 7.1 | | 96 |
| 536 W | " | CW-5 | 2 | | 7.2 | | 97 |
| 537 W | " | CW-6 | | 0.1 | 7.2 | | 57 |
| 538 W | " | CW-7 | 2 | | 7.2 | 0 | 626 |
| 539 W | " | CW-8 | 19 | 0.3 | 7.1 | | 5 |
| 540 W | " | DW-1 | 0 | | 7.0 | 1 | 111 |
| 541 W | " | DW-3 | <1 | | 7.1 | 0 | 183 |

Safety and Health Physics

1961 JUL 5 AM 10:37

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kurnovsky

DATE RELEASED July 3, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 374

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

Health Physics

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 523 W | 6/3/61 | CW-1 | 23 | 0.5 | 6.4 | | 10 |
| 524 W | " | CW-3 | 3 | 0.3 | 6.7 | | 35 |
| 525 W | " | CW-4 | 0 | 0.2 | 6.9 | | 37 |
| 526 W | " | CW-5 | 0 | | 7.2 | | 77 |
| 527 W | " | CW-6 | | 0.1 | 7.2 | | 93 |
| 528 W | " | CW-7 | 0 | | 7.2 | | 36 |
| 529 W | " | CW-8 | 15 | 0.2 | 7.3 | | 35 |
| 530 W | " | DW-1 | 0 | | 7.2 | 0.0 | 29 |
| 531 W | " | DW-3 | 1 | | 7.1 | 0.6 | 125 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuwabori

DATE RELEASED July 3, 1961

REPORT NO. 13

# REPORT OF WATER ANALYSES

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 502 W | 5/27/61 | CW-1 | 39 | 0.6 | 6.4 | | 14 |
| 503 W | " | CW-3 | 8 | 0.3 | 6.6 | | 68 |
| 504 W | " | CW-4 | 1 | 0.2 | 6.7 | | 102 |
| 505 W | " | CW-5 | 0 | | 6.8 | | 371 |
| 506 W | " | CW-6 | | 0.3 | 6.9 | | 425 |
| 507 W | " | CW-7 | 2 | | 6.9 | | 124 |
| 508 W | " | CW-8 | 4 | 0.2 | 7.0 | | 8 |
| 509 W | " | DW-1 | 0 | | 6.8 | | 273 |
| 510 W | " | DW-2 | 0 | | 6.9 | | 340 |
| 26 M | May Composite | CW-1 | | | | 5.1 | |
| 27 M | " | CW-3 | | | | 0.5 | |
| 28 M | " | CW-4 | | | | 0.8 | |
| 29 M | " | CW-5 | | | | 0.1 | |
| 30 M | " | CW-6 | 0 | | | 0.1 | |
| 31 M | " | CW-8 | | | | 1.6 | |

Safety and Health Physics

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis[redacted]ion

SUPERVISOR T. Kwasnoski

DATE RELEASED July 3, 1961

# REPORT OF WATER ANALYSES

REPORT NO. _____

Distribution:

A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 481 W | 5/20/61 | CW-1 | 213 | 2.1 | 6.7 | | 20 |
| 482 W | " | CW-3 | 4 | 0.4 | 6.8 | 1 | 414 |
| 483 W | " | CW-4 | 7 | 0.4 | 6.9 | 1 | 381 |
| 484 W | " | CW-5 | 5 | | 7.1 | 0 | 484 |
| 485 W | " | CW-6 | | 0.2 | 7.1 | 0 | 383 |
| 486 W | " | CW-7 | 4 | | 7.1 | 1 | 381 |
| 487 W | " | CW-8 | 12 | 0.3 | 7.2 | | 16 |
| 488 W | " | DW-1 | 1 | | 7.1 | 0 | 625 |
| 489 W | " | DW-3 | 1 | | 7.0 | 0 | 484 |

Safety and Health Physics

1961 JUL 5 PM 12:31

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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SUPERVISOR T. Kwasowski

DATE RELEASED June 7, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 2
Distribution:

AF Becher

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 445 W | 5/13/61 | CW-1 | 72 | 0.4 | 6.7 | | 8 |
| 446 W | " | CW-3 | 5 | 0.4 | 6.8 | 1 | 402 |
| 447 W | " | CW-4 | 3 | 0.6 | 6.9 | 0 | 476 |
| 448 W | " | CW-5 | 2 | | 7.0 | 0 | 161 |
| 449 W | " | CW-6 | | 0.2 | 7.0 | 0 | 125 |
| 450 W | " | CW-7 | <1 | | 7.2 | 0 | 115 |
| 451 W | " | CW-8 | 1 | 0.5 | 7.2 | | 4 |
| 452 W | " | DW-1 | 1 | | 6.8 | 0 | 264 |
| 453 W | " | DW-3 | 3 | | 7.0 | 0 | 307 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis [illegible]ion

SUPERVISOR T. Kwasnoski

DATE RELEASED June 7, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 58

Distribution:
A. F. Becher, E. C. Bollinger, J.A.Parsons, W.H.Taylor, T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 424 W | 5/6/61 | CW-1 | 23 | 0.4 | 6.2 | | 3 |
| 425 W | " | CW-3 | 2 | 0.2 | 6.7 | | 76 |
| 426 W | " | CW-4 | <1 | 0.2 | 7.1 | 0 | 103 |
| 427 W | " | CW-5 | 6 | | 7.3 | 0 | 128 |
| 428 W | " | CW-6 | | 0.0 | 7.3 | | 92 |
| 429 W | " | CW-7 | 2 | | 7.3 | | 87 |
| 430 W | " | CW-8 | 50 | 0.3 | 7.1 | | 6 |
| 431 W | " | DW-1 | 6 | | 7.1 | 0 | 93 |
| 432 W | " | DW-3 | 10 | | 7.1 | 0 | 195 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

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DATE RELEASED June 7, 1961

REPORT NO. 57

# REPORT OF WATER ANALYSES

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 403 W | 4/29/61 | CW-1 | 19 | 1.2 | 7.2 | | 12 |
| 404 W | " | CW-3 | 12 | 0.2 | 7.4 | | 38 |
| 405 W | " | CW-4 | 9 | 0.0 | 7.6 | | 42 |
| 406 W | " | CW-5 | 5 | | 7.9 | 0 | 277 |
| 407 W | " | CW-6 | | 0.1 | 7.8 | 0 | 281 |
| 408 W | " | CW-7 | 4 | | 7.8 | | 48 |
| 409 W | " | CW-8 | 463 | 1.5 | 7.8 | | 28 |
| 410 W | " | DW-1 | 3 | | 7.8 | 0 | 79 |
| 411 W | " | DW-3 | 4 | | 7.8 | 0 | 259 |
| | | | | | | | |
| 20 M | April Composite | CW-1 | | | | 2 | |
| 21 M | " | CW-3 | | | | 1 | |
| 22 M | " | CW-4 | | | | 0 | |
| 23 M | " | CW-5 | | | | 0 | |
| 24 M | " | CW-6 | 11 | | | 0 | |
| 25 M | " | CW-8 | | | | 3 | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SUPERVISOR T. Kwasnoski

DATE RELEASED June 7, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 366

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 390 W | 4/22/61 | CW-1 | 13 | 1.9 | 7.2 | | 10 |
| 391 W | " | CW-3 | 6 | 0.6 | 7.4 | | 352 |
| 392 W | " | CW-4 | 8 | 0.4 | 7.5 | | 442 |
| 393 W | " | CW-5 | 1 | | 7.6 | | 605 |
| 394 W | " | CW-6 | | 0.3 | 7.6 | | 514 |
| 395 W | " | CW-7 | 6 | | 7.6 | | 435 |
| 396 W | " | CW-8 | 18 | | 7.6 | | 15 |
| 397 W | " | DW-1 | <1 | | 7.4 | 0 | 481 |
| 398 W | " | DW-3 | 1 | | 7.7 | 0 | 578 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SUPERVISOR T. Kwanoski

DATE RELEASED June 7, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 365

Distribution:
✓A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 369 W | 4/15/61 | CW-1 | 14 | 0.6 | 7.1 | | 5 |
| 370 W | " | CW-3 | 3 | 0.6 | 7.3 | 0 | 263 |
| 371 W | " | CW-4 | 2 | 0.4 | 7.4 | 0 | 334 |
| 372 W | " | CW-5 | <1 | | 7.5 | 0 | 382 |
| 373 W | " | CW-6 | | 0.3 | 7.5 | 0 | 292 |
| 374 W | " | CW-7 | 2 | | 7.6 | 0 | 100 |
| 375 W | " | CW-8 | 5 | | 7.7 | | 2 |
| 376 W | " | DW-1 | 0 | | 7.5 | 0 | 469 |
| 377 W | " | DW-3 | <1 | | 7.6 | 0 | 407 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SU[illegible]RVISOR T. Kwasnoski

DATE RELEASED May 1, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 64

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 349 W | 4/9/61 | CW-1 | 53 | 0.3 | 7.1 | | 6 |
| 350 W | " | CW-3 | 9 | 0.0 | 7.2 | | 37 |
| 351 W | " | CW-5 | 10 | | 7.3 | 0 | 660 |
| 352 W | " | CW-6 | | 0.0 | 7.5 | 0 | 589 |
| 353 W | " | CW-7 | 3 | | 7.6 | | 28 |
| 354 W | " | CW-8 | 22 | | 7.7 | | 1 |
| 355 W | " | DW-1 | 2 | | 7.4 | 0 | 185 |
| 356 W | " | DW-3 | 103 | | 7.2 | 8 | 107 |

1961 MAY 2 PM 5:33
Safety and Health Physics

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusunoki

DATE RELEASED May 1, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 363

Distribution:
A.F.Becher J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 328 W | 4/1/61 | CW-1 | 26 | 0.3 | 6.7 | | 10 |
| 329 W | " | CW-3 | 7 | 0.3 | 6.7 | | 55 |
| 330 W | " | CW-4 | 9 | 0.3 | 6.7 | 0 | 116 |
| 331 W | " | CW-5 | 2 | | 7.0 | 0 | 187 |
| 332 W | " | CW-6 | | 0.2 | 6.7 | 0 | 171 |
| 333 W | " | CW-7 | 6 | | 6.7 | 0 | 101 |
| 334 W | " | CW-8 | 6 | | 6.8 | | 12 |
| 335 W | " | DW-1 | 3 | | 6.7 | 0 | 154 |
| 336 W | " | DW-3 | 4 | | 7.0 | 0 | 122 |

1961 MAY 2 PM 3:33

Safety and Health Physics

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED May 1, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 562

Distribution:

G. S. Hill
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 304 W | 3/24/61 | Drain Sample HP-DE-1 K-1420 | 671 | | | 108 | 405 |
| 305 W | " | Drain Sample HP-DE-2 K-1420 | 70 | | | 7 | 246 |
| 306 W | " | Drain Sample HP-DE-3 Harding Lord | 28 | | | 30 | 384 |

1961 APR 20 AM 10:47
Safety and Health Physics

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Special Analysis Section

SUPERVISOR T. Kwasowski

DATE RELEASED April 17, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 361

Distribution:

M.F.Henry J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 14 M | March Composite | CW-1 | | | | 2 | |
| 15 M | " | CW-3 | | | | 0 | |
| 16 M | " | CW-4 | | | | 0 | |
| 17 M | " | CW-5 | | | | 0 | |
| 18 M | " | CW-6 | 1 | | | 0 | |
| 19 M | " | CW-8 | | | | 0 | |

Physics

19 PM 2:57

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborator[redacted]artment
Special Analysis Section

S[redacted]RVISOR T. Kuwaoshi

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# REPORT OF WATER ANALYSES

REPORT NO. [redacted].0

Distribution:
H.F.Henry J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 307 W | 3/25/61 | CW-1 | 47 | 0.5 | 7.1 | | 9 |
| 308 W | " | CW-3 | 11 | 0.4 | 7.1 | 1 | 125 |
| 309 W | " | CW-4 | 7 | 0.2 | 7.2 | 0 | 150 |
| 310 W | " | CW-5 | 3 | | 7.5 | 0 | 139 |
| 311 W | " | CW-6 | | 0.1 | 7.5 | 0 | 106 |
| 312 W | " | CW-7 | 7 | | 7.4 | 1 | 158 |
| 313 W | " | CW-8 | 12 | | 7.3 | | 2 |
| 314 W | " | DW-1 | 2 | | 7.2 | 0 | 166 |
| 315 W | " | DW-3 | 4 | | 7.2 | 1 | 169 |

Safety and Health Physics

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T. Kusnoshi

DATE RELEASED April 17, 1961

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Works Laboratory Department
Special Analysis Section

# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. 359

Distribution: ~~G S Hall~~ DH
T C Wilson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM-1 | 2/11/61 | MM-1 | 47.2 | | | 48.8 | 214 |
| MM-2 | " | MM-2 | 97.0 | | | 288.7 | 827 |
| MM-3 | " | MM-3 | 11.4 | | | 19.1 | 560 |
| MM-4 | " | MM-4 | 5.5 | | | 8.7 | 909 |
| MM-5 | " | MM-5 | 49.1 | | | 53.9 | 342 |
| MM-6 | " | MM-6 | 0.5 | | | 1.6 | 155 |
| MM-7 | " | MM-8 | 27.8 | | | 33.3 | 38 |

Safety and Health Physics

1961 APR 13 PM 2:52

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborato[illegible]artment
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED April 11, 1961

# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. 58

Distribution:

G. S. Hill
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 131 W | 2/13/61 | HPX-61-S | 1.9 | | | 3.4 | 0 |
| 132 W | " | HPX-62-S | 4.1 | | | 20.1 | 0 |
| 133 W | " | HPX-63-S | 1.6 | | | 2.7 | 76 |
| 134 W | " | HPX-64-S | 1.6 | | | 2.7 | 27 |
| 135 W | " | HPX-65-S | 1.2 | | | 2.0 | 16 |
| 136 W | " | HPX-66-S | 1.1 | | | 2.3 | 21 |
| 137 W | " | HPX-67-S | 1.5 | | | 2.5 | 86 |
| 138 W | " | HPX-68-S | 1.1 | | | 2.3 | 51 |
| 139 W | " | HPX-69-S | 1.2 | | | 2.2 | 109 |

Safety and Health Physics

1961 APR 13 PM 2:52

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kurosaki

DATE RELEASED April 11, 1961

# REPORT OF ~~WATER~~ SOIL ANALYSES

REPORT NO. 37

Distribution:

G. S. Hill
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb.~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 168 W | 2/14/61 | HPX-70-S | 1.4 | | | 2.6 | 17 |
| 169 W | " | HPX-71-S | 1.0 | | | 3.2 | 56 |
| 170 W | " | HPX-72-S | 0.9 | | | 2.1 | 32 |
| 171 W | " | HPX-73-S | 2.7 | | | 3.8 | 147 |
| 172 W | " | HPX-74-S | 2.5 | | | 46.9 | 29 |
| 173 W | " | HPX-75-S | 1.5 | | | 2.3 | 38 |
| 174 W | " | HPX-76-S | 2.0 | | | 3.3 | 25 |
| 175 W | " | HPX-77-S | 2.6 | | | 3.8 | 36 |

Safety and Health Physics

1961 APR 13 PM 2:51

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cent~~[redacted]~~es~~ K25RC
Works Laboratory [redacted]artment
Special Analysis Section

S[redacted]VISOR T. Kurosaki

DATE RELEASED April [redacted] 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]

Distribution:
H.F.Henry J.A.Parsons C.H.Mahoney
E.C.Bollinger W.H.Taylor T.C.Whitson(RC)

Safety and Health Physics

1961 APR 13 PM 2:36

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~URANIUM~~ MERCURY ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 241 W | 3/4/61 | CW-1 | 0 | | | | |
| 246 W | " | CW-7 | 0 | | | | |
| 262 W | 3/11/61 | CW-1 | 0 | | | | |
| 267 W | " | CW-7 | 0 | | | | |
| 283 W | 3/18/61 | CW-1 | 20 | | | | |
| 288 W | " | CW-7 | 0 | | | | |
| 307 W | 3/25/61 | CW-1 | 8 | | | | |
| 312 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 16-M | March Composite | CW-4 | 0 | | | | |
| 17-M | " | CW-5 | 0 | | | | |
| 18-M | " | CW-6 | 0 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T Kwosnoski

DATE RELEASED April 11, 1961

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 25

Distribution:

H.F.Henry J.A.Parsons C.H.Mahoney
E.C.Bollinger W.H.Taylor T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | MERCURY ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 92 W | 2/4/61 | CW-1 | 8 | | | | |
| 97 W | " | CW-7 | 0 | | | | |
| 113 W | 2/11/61 | CW-1 | 8 | | | | |
| 119 W | " | CW-7 | 0 | | | | |
| [illegible] W | 2/18/61 | CW-1 | 24 | | | | |
| 204 W | " | CW-7 | 0 | | | | |
| 220 W | 2/25/61 | CW-1 | 0 | | | | |
| 225 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 9-M | February Composite | CW-4 | 0 | | | | |
| 10-M | " | CW-5 | 0 | | | | |
| 11-M | " | CW-6 | 0 | | | | |

Safety and Health Physics

1961 APR 13 PM 2:36

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cont~~ [redacted]es K25RC
Works Laborator[redacted]artment
Special Analysis Section

SU[redacted]RVISOR T. Kwasnoski

DATE RELEASED April 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 54

Distribution:

H.F.Henry J.A.Parsons C.H.Mahoney
E.C.Bollinger W.H.Taylor T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | MERCURY ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 22 W | 1/7/61 | CW-1 | 0 | | | | |
| 27 W | " | CW-7 | 0 | | | | |
| 31 W | 1/14/61 | CW-1 | 0 | | | | |
| 36 W | " | CW-7 | 0 | | | | |
| 52 W | 1/21/61 | CW-1 | 10 | | | | |
| 55 W | " | CW-7 | 0 | | | | |
| 71 W | 1/28/61 | CW-1 | 8 | | | | |
| 76 W | " | CW-7 | 8 | | | | |

Safety and Health Physics

1961 APR 13 PM 2:36

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T. Kwasnoski

DATE RELEASED April 11, 1961

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Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 33

Distribution:

H.F.Henry, E.C.Bollinger, J.A.Parsons, W.H.Taylor, C.H.Mahoney, T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | MERCURY ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1146 W | 12/3/60 | CW-7 | 0 | | | | |
| 1164 W | 12/10/60 | CW-1 | 4 | | | | |
| 1169 W | " | CW-7 | 0 | | | | |
| 1197 W | 12/24/60 | CW-7 | 0 | | | | |
| 1-W | 12/31/60 | CW-1 | 0 | | | | |
| 6-W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 66 M | December Composite | CW-4 | 0 | | | | |
| 67 M | " | CW-5 | 0 | | | | |
| 68 M | " | CW-6 | 0 | | | | |

Physics

1961 APR 13 PM 2:36

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cent~~ [redacted]es K25RC
Works Laboratory [redacted]artment
Special Analysis Section

SU[redacted]RVISOR T Kuwasaki

DATE RELEASED April 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. [redacted]52

Distribution:
H.F.Henry, J.A.Parsons, C.H.Mahoney, E.C.Bollinger, W.H.Taylor, T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | MERCURY ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1027 W | 11/12/60 | CW-1 | 4 | | | | |
| 1030 W | " | CW-7 | 0 | | | | |
| 1093 W | 11/19/60 | CW-7 | 0 | | | | |
| 1129 W | 11/26/60 | CW-1 | 4 | | | | |
| 1135 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 60 M | November Composite | CW-4 | 0 | | | | |
| 61 M | " | CW-5 | 0 | | | | |
| 62 M | " | CW-6 | 0 | | | | |

Safety and Health Physics

1961 APR 13 PM 2:36

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T. Kwanoski

DATE RELEASED April 11, 1961

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 1

Distribution:

H.F.Henry J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 283 W | 3/18/61 | CW-1 | 25 | 0.9 | 6.8 | | 15 |
| 284 W | " | CW-3 | 4 | 0.4 | 7.0 | | 66 |
| 285 W | " | CW-4 | 2 | 0.2 | 7.1 | | 67 |
| 286 W | " | CW-5 | 1 | | 7.1 | 0 | 105 |
| 287 W | " | CW-6 | | 0.1 | 6.6 | | 96 |
| 288 W | " | CW-7 | <1 | | 7.2 | | 36 |
| 289 W | " | CW-8 | 6 | | 7.4 | | 6 |
| 290 W | " | DW-1 | 0 | | 7.2 | 0 | 105 |
| 291 W | " | DW-3 | 4 | | 7.3 | 1 | 127 |

Safety and Health Physics

1961 APR 13 PM 2:37

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborator[illegible]artment
Special Analysis Section

SU[illegible]RVISOR T. Kwasnoski

DATE RELEASED April 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]20

Distribution:
H.F.Henry, E.C.Bollinger, J.A.Parsons, W.H.Taylor, T.C.Whitson(RC)

Safety and Health Physics
1961 APR 13 PM 2:37

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 262 W | 3/11/61 | CW-1 | 11 | 0.4 | 7.1 | | 0 |
| 263 W | " | CW-3 | 3 | 0.2 | 7.1 | | 14 |
| 264 W | " | CW-4 | 1 | 0.1 | 7.1 | | 4 |
| 265 W | " | CW-5 | 1 | | 7.4 | 0 | 218 |
| 266 W | " | CW-6 | | 0.2 | 7.0 | 0 | 113 |
| 267 W | " | CW-7 | <1 | | 7.2 | | 0 |
| 268 W | " | CW-8 | 3 | | 7.2 | | 24 |
| 269 W | " | DW-1 | 0 | | 7.2 | 1 | 121 |
| 270 W | " | DW-3 | 1 | | 7.1 | 1 | 337 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T. Woosnoh

DATE RELEASED April 11, 1961

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Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 9

Distribution:

H.F.Henry J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 241 W | 3/4/61 | CW-1 | 20 | 0.5 | 6.8 | | 0 |
| 242 W | " | CW-3 | 7 | 0.5 | 7.0 | | 16 |
| 243 W | " | CW-4 | 0 | 0.2 | 7.2 | | 29 |
| 244 W | " | CW-5 | 1 | | 7.4 | 1 | 174 |
| 245 W | " | CW-6 | | 0.2 | 7.3 | 1 | 197 |
| 246 W | " | CW-7 | 2 | | 7.4 | | 23 |
| 247 W | " | CW-8 | 2 | | 7.4 | | 0 |
| 248 W | " | DW-1 | 0 | | 7.3 | 1 | 65 |
| 249 W | " | DW-3 | 0 | | 7.3 | 1 | 231 |

Safety and Health Physics

1961 APR 13 PM 2:37

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborator[illegible]partment
Special Analysis Section

S[illegible]RVISOR T. Kwasnoski

DATE RELEASED Ap[illegible] 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 54

Distribution:

H.F.Henry J.A.Parsons T.C.Whitson(RC)
E.C.Bollinger W.H.Taylor

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 7-M | February Composite | CW-1 | | | | 3 | |
| 8-M | " | CW-3 | | | | 1 | |
| 9-M | " | CW-4 | | | | 0 | |
| 10-M | " | CW-5 | | | | 0 | |
| 11-M | " | CW-6 | 0 | | | 1 | |
| 12-M | " | CW-8 | | | | 2 | |
| 13-M | " | CW-2 | | | | 3 | |

Safety and Health Physics

1961 APR 13 PM 2:37

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T. Kuroosaki

DATE RELEASED April 11, 1961

WCX-1012 (8-55)
~~Laboratory Central Files K25~~RC
Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 47

Distribution:
H.F.Henry
E.C.Bollinger
J.A.Parsons
W.H.Taylor
T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 220 W | 2/25/61 | CW-1 | 14 | 0.3 | 7.1 | | 7 |
| 221 W | " | CW-3 | 3 | 0.2 | 6.8 | | 25 |
| 222 W | " | CW-4 | <1 | 0.2 | 10.4 | 4 | 520 |
| 223 W | " | CW-5 | 0 | | 8.1 | 1 | 1057 |
| 224 W | " | CW-6 | | 0.2 | 7.6 | 1 | 945 |
| 225 W | " | CW-7 | <1 | | 7.5 | 1 | 169 |
| 226 W | " | CW-8 | 1 | | 7.4 | | 0 |
| 227 W | " | DW-1 | 0 | | 7.2 | 0 | 581 |
| 228 W | " | DW-3 | 0 | | 7.1 | 0 | 502 |

Safety and Health Physics

1961 APR 13 PM 2:37

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cont[redacted]es K25RC
Works Laboratory [redacted]artment
Special Analysis Section

SU[redacted]VISOR T. Kuwanoshi

DATE RELEASED April 11, 1961

# REPORT OF ~~WATER~~ VEGETATION ANALYSES

REPORT NO. 3

Distribution:
✓G. S. Hill
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 184 W | 2/14/61 | HPX-70 P | 0.5 | | | 1.4 | 16 |
| 185 W | " | HPX-71 P | 0.3 | | | 0.6 | 13 |
| 186 W | " | HPX-72 P | 0.3 | | | 0.6 | 13 |
| 187 W | " | HPX-73 P | 0.8 | | | 1.0 | 14 |
| 188 W | " | HPX-74 P | 0.8 | | | 1.3 | 16 |
| 189 W | " | HPX-75 P | 1.0 | | | 1.3 | 16 |
| 190 W | " | HPX-76 P | 0.4 | | | 0.6 | 16 |

Safety and Health Physics

1961 APR 13 PM 2:51

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuroososhi

DATE RELEASED April 11, 1961

# REPORT OF ~~WATER~~ VEGETATION ANALYSES

REPORT NO. 3

Distribution:

✓G. S. Hill
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/gram ALPHA | Counts per min/gram BETA |
|---|---|---|---|---|---|---|---|
| 176 W | 2/14/61 | HPX-70 V | 0.5 | | | 2.2 | 28 |
| 177 W | " | HPX-71 V | 0.8 | | | 1.1 | 33 |
| 178 W | " | HPX-72 V | 1.4 | | | 2.2 | 21 |
| 179 W | " | HPX-73 V | 0.9 | | | 3.2 | 36 |
| 180 W | " | HPX-74 V | 0.5 | | | 2.4 | 22 |
| 181 W | " | HPX-75 V | 0.5 | | | 2.2 | 33 |
| 182 W | " | HPX-76 V | 0.5 | | | 0.9 | 16 |
| 183 W | " | HPX-77 V | 1.7 | | | 1.8 | 20 |

Safety and Health Physics

1961 APR 13 PM 2:51

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cent~~ [redacted]les K25RC
Works Laborator[redacted]artment
Special Analysis Section

SU[redacted]RVISOR T. Kurosaki

DATE RELEASED April [redacted]1, 1961

VEGETATION

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]

Distribution:

G. S. Hill
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 149 W | 2/13/61 | HPX-61 P | 0.2 | | | 0.8 | 19 |
| 150 W | " | HPX-62 P | 0.9 | | | 1.0 | 18 |
| 151 W | " | HPX-63 P | 0.7 | | | 0.8 | 13 |
| 152 W | " | HPX-64 P | 0.3 | | | 1.0 | 16 |
| 153 W | " | HPX-65 P | 0.3 | | | 0.4 | 18 |
| 154 W | " | HPX-66 P | 0.2 | | | 0.5 | 16 |
| 155 W | " | HPX-67 P | 0.2 | | | 0.6 | 14 |
| 156 W | " | HPX-68 P | 0.3 | | | 3.2 | 13 |
| 157 W | " | HPX-69 P | 0.2 | | | 5.7 | 27 |

Safety and Health Physics

1961 APR 13 PM 2:51

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files~~ K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED April 11, 1961

# REPORT OF ~~WATER~~ VEGETATION ANALYSES

REPORT NO. 2

Distribution:

G. S. [illegible]
T. C. WHITSON (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb~~ ppm. | FLUORIDES ppm. | pH | Counts per min/100 ~~ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 140 W | 2/13/61 | HPX-61-V | 2.1 | | | 4.0 | 24 |
| 141 W | " | HPX-62-V | 3.7 | | | 5.0 | 39 |
| 142 W | " | HPX-63-V | 1.8 | | | 6.3 | 35 |
| 143 W | " | HPX-64-V | 1.2 | | | 2.3 | 20 |
| 144 W | " | HPX-65-V | 0.9 | | | 1.8 | 56 |
| 145 W | " | HPX-66-V | 1.2 | | | 1.9 | 19 |
| 146 W | " | HPX-67-V | 0.4 | | | 1.9 | 39 |
| 147 W | " | HPX-68-V | 0.3 | | | 0.8 | 8 |
| 148 W | " | HPX-69-V | 0.5 | | | 0.7 | 21 |

Safety and Health Physics

1961 APR 13 PM 2:51

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[redacted]es K25RG
Works Laborator[redacted]artment
Special Analysis Section

SU[redacted]VISOR T. Kurosaki

DATE RELEASED April 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. [redacted]-

Distribution:

✓G. S. Hill
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 162 W | 2/14/61 | HPX-70-W | <1 | | | 0.0 | 3 |
| 163 W | " | HPX-71-W | 1 | | | 0.1 | 9 |
| 164 W | " | HPX-72-W | 0 | | | 0.0 | 5 |
| 165 W | " | HPX-73-W | 3 | | | 0.1 | 4 |
| 166 W | " | HPX-74-W | 11 | | | 1.4 | 3 |
| 167 W | " | HPX-75-W | 3 | | | 0.0 | 5 |

Safety and Health Physics

1961 APR 13 PM 2:51

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files~~ K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuwanoshi

DATE RELEASED April 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 41

Distribution:

G. S. Hill
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 123 W | 2/13/61 | HPX-61W | 3 | | | 0.1 | 0 |
| 124 W | " | HPX-62 W | 4 | | | 0.1 | 3 |
| 125 W | " | HPX-64 W | 3 | | | 0.0 | 3 |
| 126 W | " | HPX-65 W | 4 | | | 0.0 | 5 |
| 127 W | " | HPX-66 W | 4 | | | 0.1 | 0 |
| 128 W | " | HPX-67 W | <1 | | | 0.1 | 4 |
| 129 W | " | HPX-68 W | 1 | | | 0.2 | 10 |
| 130 W | " | HPX-69 W | 2 | | | 0.1 | 10 |

Safety and Health Physics

1961 APR 13 PM 2:51

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laborator[illegible]artment
Special Analysi[illegible]on

SUPERVISOR T. Kwasnoski

DATE RELEASED April 11, 1961

# REPORT OF WATER ANALYSES

REPORT NO. _____

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 199 W | 2/18/61 | CW-1 | 22 | 0.6 | 7.2 | | 4 |
| 200 W | " | CW-3 | 7 | 0.2 | 7.3 | | 574 |
| 201 W | " | CW-4 | 2 | 0.4 | 7.4 | | 634 |
| 202 W | " | CW-5 | 0 | | 7.6 | | 768 |
| 203 W | " | CW-6 | | 0.0 | 7.3 | | 687 |
| 204 W | " | CW-7 | 1 | | 7.7 | | 77 |
| 205 W | " | CW-8 | 12 | | 7.5 | | 8 |
| 206 W | " | DW-1 | <1 | | 7.3 | | 609 |
| 207 W | " | DW-3 | 4 | | 7.4 | | 768 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED March 21, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 9

Distribution:
H.F. Henry W.C. Hartman T.C. Whitson(RC)
E.C. Bollinger H.G.F. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 113 W | 2/11/61 | CW-1 | 46 | 0.9 | 7.2 | | 24 |
| 114 W | " | CW-2 | 26 | | 7.3 | | 37 |
| 115 W | " | CW-3 | 2 | 0.5 | 7.2 | | 510 |
| 116 W | " | CW-4 | 1 | 0.4 | 7.4 | | 687 |
| 117 W | " | CW-5 | 0 | | 7.8 | | 531 |
| 118 W | " | CW-6 | | 0.4 | 7.6 | | 327 |
| 119 W | " | CW-7 | 1 | | 7.6 | | 592 |
| 120 W | " | CW-8 | 33 | | 7.6 | | 1 |
| 121 W | " | DW-1 | 0 | | 7.4 | | 1066 |
| 122 W | " | DW-3 | 0 | | 7.5 | | 770 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cen~~[redacted]~~tes~~ K25RC
Works Laborator[redacted]partment
Special Analysis Section

S[redacted]RVISOR T. Kuranoshi

DATE RELEASED Ma[redacted]h 21, 1961

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson (RC)
E.C.Bollinger H.G.F.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 92 W | 2/4/61 | CW-1 | 39 | 0.4 | 7.0 | | 10 |
| 93 W | " | CW-3 | 8 | 0.3 | 7.3 | 1 | 226 |
| 94 W | " | CW-4 | 3 | 0.1 | 7.5 | 0 | 314 |
| 95 W | " | CW-5 | 1 | | 7.8 | | 98 |
| 96 W | " | CW-6 | | 0.1 | 7.4 | | 87 |
| 97 W | " | CW-7 | 2 | | 7.8 | 0 | 291 |
| 98 W | " | CW-8 | 13 | | 7.5 | | 26 |
| 99 W | " | DW-1 | 1 | | 7.5 | 0 | 101 |
| 100 W | " | DW-3 | 1 | | 7.6 | 0 | 221 |

RECEIVED
MAR 2 [illegible]
RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuwanoshi

DATE RELEASED March 21, 1961

# REPORT OF WATER ANALYSES

REPORT NO.

Distribution:
E.C.Bollinger W.C.Hartman T.C.Whitson(RC)
H.F.Henry H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 71 W | 1/28/61 | CW-1 | 30 | 0.5 | 7.6 | | 6 |
| 72 W | " | CW-3 | 5 | 0.5 | 7.8 | | 45 |
| 73 W | " | CW-4 | 1 | 0.4 | 8.0 | | 42 |
| 74 W | " | CW-5 | 5 | | 8.0 | | 99 |
| 75 W | " | CW-6 | | 0.2 | 7.6 | 0 | 146 |
| 76 W | " | CW-7 | 3 | | 8.0 | | 53 |
| 77 W | " | CW-8 | 10 | | 7.6 | | 2 |
| 78 W | " | DW-1 | 0 | | 7.4 | 0 | 94 |
| 79 W | " | DW-3 | <1 | | 7.7 | 1 | 168 |

RECEIVED
SAFETY, ... RADIATION ...

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborator[illegible]artment
Special Analysis Section

SU[illegible]RVISOR T. Kwasnoski

DATE RELEASED 2/23/61

# REPORT OF WATER ANALYSES

REPORT NO. 26

Distribution:
E.C.Bollinger W.C.Hartman T.C.Whitson(RC)
H.F.Henry H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 52 W | 1/21/61 | CW-1 | 29 | 0.6 | 7.4 | | 6 |
| 53 W | " | CW-5 | 1 | | 8.0 | 1 | 290 |
| 54 W | " | CW-6 | | 0.4 | 7.6 | 0 | 263 |
| 55 W | " | CW-7 | 1 | | 7.7 | 0 | 189 |
| 56 W | " | CW-8 | 5 | | 7.7 | | 0 |
| 57 W | " | DW-1 | 0 | | 7.4 | 0 | 252 |
| 58 W | " | DW-3 | 9 | | 7.1 | 2 | 334 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasoski

DATE RELEASED February 23, 1961

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# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 31 W | 1/14/61 | CW-1 | 34 | 0.6 | 7.4 | | 6 |
| 32 W | " | CW-3 | 8 | 0.4 | 7.6 | 2 | 123 |
| 33 W | " | CW-4 | 4 | 0.3 | 7.9 | 0 | 151 |
| 34 W | " | CW-5 | 0 | | 8.1 | 0 | 272 |
| 35 W | " | CW-6 | | 0.3 | 7.6 | 0 | 219 |
| 36 W | " | CW-7 | <1 | | 7.8 | | 90 |
| 37 W | " | CW-8 | 16 | | 2.4 | | 0 |
| 38 W | " | DW-1 | 4 | | 6.9 | 0 | 64 |
| 39 W | " | DW-3 | 13 | | 7.0 | | 191 |

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RECEIVED FEB 6 1961

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SU[illegible]VISOR T. Kwasnoski

DATE RELEASED February 2, 1961

# REPORT OF WATER ANALYSES

REPORT NO. _____

Distribution:
H.F.Henry, E.C.Bollinger, W.C.Hartman, H.G.P.Snyder, T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 22 W | 1/7/61 | CW-1 | 13 | 0.4 | 7.3 | | 1 |
| 23 W | " | CW-3 | 7 | 0.2 | 7.6 | | 384 |
| 24 W | " | CW-4 | 6 | 0.3 | 7.7 | 1 | 455 |
| 25 W | " | CW-5 | 6 | | 8.1 | 0 | 637 |
| 26 W | " | CW-6 | | 0.0 | 7.3 | | 401 |
| 27 W | " | CW-7 | 9 | | 7.7 | 2 | 410 |
| 28 W | " | CW-8 | 8 | | 7.7 | | 0 |
| 29 W | " | DW-1 | 3 | | 7.4 | 0 | 541 |
| 30 W | " | DW-3 | <1 | | 7.6 | 0 | 585 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Special Analysis Section

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DATE RELEASED February 2, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 64 M | December Composite | CW-1 | | | | 4 | |
| 65 M | " | CW-3 | | | | 0 | |
| 66 M | " | CW-4 | | | | 0 | |
| 67 M | " | CW-5 | | | | 0 | |
| 68 M | " | CW-6 | 2 | | | 0 | |
| 69 M | " | CW-8 | | | | 1 | |

RECEIVED FEB 6 1961 Health Physics

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cent~~ [redacted]~~es K25RC~~
Works Laboratory [redacted]artment
Special Analysis Section

SU[redacted]VISOR T. Kusnoshi

DATE RELEASED Febr[redacted]ary 2, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1122 W | 11/28/60 | MM-1 | 183 | | | 166 | 826 |
| 1123 W | " | MM-2 | 885 | | | 1959 | 3112 |
| 1124 W | " | MM-3 | 15 | | | 19.5 | 753 |
| 1125 W | " | MM-4 | 2 | | | 4.6 | 368 |
| 1126 W | " | MM-5 | 39 | | | 9.3 | 186 |
| 1127 W | " | MM-6 | 1 | | | 2.1 | 512 |
| 1128 W | " | MM-8 | 2 | | | 10.4 | 145 |

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JAN 23 1961
SAFETY, FIRE, AND
RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

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REPORT NO. 1

# REPORT OF WATER ANALYSES

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1197 W | 12/24/60 | CW-7 | 2 | | 8.2 | | 69 |
| 1198 W | " | DW-1 | 0 | | 7.5 | 0 | 190 |
| 1199 W | " | DW-3 | 2 | | 7.9 | 0 | 205 |
| | | | | | | | |
| 1 W | 12/31/60 | CW-1 | 64 | 1.0 | 7.1 | | 0 |
| 2 W | " | CW-3 | 4 | 0.1 | 7.4 | | 166 |
| 3 W | " | CW-4 | 1 | 0.2 | 7.6 | | 317 |
| 4 W | " | CW-5 | 4 | | 8.2 | | 184 |
| 5 W | " | CW-6 | | 0.2 | 7.8 | | 140 |
| 6 W | " | CW-7 | 2 | | 7.8 | | 283 |
| 7 W | " | CW-8 | 3 | | 7.8 | | 0 |
| 8 W | " | DW-1 | 1 | | 7.2 | | 300 |
| 9 W | " | DW-3 | 3 | | 7.6 | | 387 |

RECEIVED JAN 9 1961 SAFETY, ... AND RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

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DATE RELEASED January 16, 1961

# REPORT OF WATER ANALYSES

REPORT NO. 30

Distribution:

H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1146 W | 12/3/60 | CW-7 | <1 | | 7.9 | 1 | 121 |
| 1147 W | " | DW-1 | 2 | | 7.4 | 0 | 171 |
| | | | | | | | |
| 1164 W | 12/10/60 | CW-1 | 38 | 1.0 | 7.2 | | 17 |
| 1165 W | " | CW-3 | 3 | 0.6 | 7.2 | | 55 |
| 1166 W | " | CW-4 | 2 | 0.4 | 7.5 | | 47 |
| 1167 W | " | CW-5 | 1 | | 7.8 | 0 | 113 |
| 1168 W | " | CW-6 | | 0.4 | 7.6 | 0 | 103 |
| 1169 W | " | CW-7 | 1 | | 8.1 | | 65 |
| 1170 W | " | CW-8 | 5 | | 8.0 | | 18 |
| 1171 W | " | DW-1 | 3 | | 7.8 | 0 | 110 |
| 1172 W | " | DW-3 | 1 | | 7.3 | 0 | 141 |

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JAN 1 3 1961
SAFETY, FIRE, RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 29

Distribution:
H.F.Henry, E.C.Bollinger, W.C.Hartman, H.G.P.Snyder, T.C.Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 57 M | November Composite | CW-1 | | | | 7 | |
| 58 M | " | CW-2 | | | | 2 | |
| 59 M | " | CW-3 | | | | 1 | |
| 60 M | " | CW-4 | | | | 0 | |
| 61 M | " | CW-5 | | | | 0 | |
| 62 M | " | CW-6 | | | | 0 | |
| 63 M | " | CW-8 | | | | 2 | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

S[redacted]RVISOR T. Kurosaki

DATE RELEASED January 16, 1961 [redacted]

# REPORT OF WATER ANALYSES

REPORT NO. 28

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1129 W | 11/26/60 | CW-1 | 64 | 1.1 | 7.3 | | 0 |
| 1130 W | " | CW-2 | 7 | | 7.3 | | 9 |
| 1131 W | " | CW-3 | 3 | 0.5 | 7.6 | | 303 |
| 1132 W | " | CW-4 | <1 | 0.3 | 8.0 | | 229 |
| 1133 W | " | CW-5 | <1 | | 8.1 | | 203 |
| 1134 W | " | CW-6 | | 0.1 | 7.6 | | 182 |
| 1135 W | " | CW-7 | <1 | | 7.9 | | 299 |
| 1136 W | " | DW-1 | <1 | | 7.4 | | 225 |
| 1137 W | " | DW-3 | <1 | | 7.6 | | 291 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Special Analysis Section

SUPERVISOR T. Kwasnoski

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REPORT NO. 27

# REPORT OF WATER ANALYSES

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1091 W | 11/19/60 | CW-3 | 8 | 0.4 | 7.4 | | 135 |
| 1092 W | " | CW-4 | 4 | 0.0 | 8.0 | | 106 |
| 1093 W | " | CW-7 | 3 | | 7.9 | | 82 |
| 1094 W | " | DW-1 | 1 | | 7.4 | | 200 |
| 1095 W | " | DW-3 | 1 | | 7.8 | | 309 |

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JAN 1
SAFETY, FIRE, ...
RADIATION CONTR...

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED 1-16-61

# REPORT OF WATER ANALYSES

REPORT NO. [redacted].6

Distribution:

H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 1027 W | 11/12/60 | CW-1 | 114 | 1.2 | 7.4 | | 19 |
| 1028 W | " | CW-5 | 2 | | 8.2 | 1 | 415 |
| 1029 W | " | CW-6 | | 0.0 | 7.7 | 0 | 493 |
| 1030 W | " | CW-7 | 3 | | 7.8 | 1 | 735 |
| 1031 W | " | CW-8 | 14 | | 7.7 | | 7 |
| 1032 W | " | DW-1 | 1 | | 7.3 | 0 | 600 |
| 1033 W | " | DW-3 | 8 | | 7.8 | 0 | 743 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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SUPERVISOR F. Furusoshi

DATE RELEASED 1-16-61

WCX-1012 (8-55)
~~Laboratory Central~~ Files K25RC
Works Laboratory Department
Special Analysis Section

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. 25

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~xxx~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~xxxxx~~ g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1096 W | 11/21/60 | HPX-417 V | 3.5 | | | 0.5 | 31 |
| 1097 W | " | HPX-418 V | 0.7 | | | 0.2 | 13 |
| 1098 W | " | HPX-419 V | 3.8 | | | 1.9 | 41 |
| 1099 W | " | HPX-420 V | 2.1 | | | 2.3 | 31 |
| 1100 W | " | HPX-421 V | 3.3 | | | 0.7 | 51 |
| 1101 W | " | HPX-422 V | 1.1 | | | 0.1 | 36 |
| 1102 W | " | HPX-423 V | 0.8 | | | 1.5 | 23 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED 1/6/61

# REPORT OF WATER ANALYSES

REPORT NO. 24

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1103 W | 11/21/60 | HPX-417 S | 6.3 | | | 7.2 | 120 |
| 1104 W | " | HPX-418 S | 3.6 | | | 10.3 | 112 |
| 1105 W | " | HPX-419 S | 13.5 | | | 21.5 | 193 |
| 1106 W | " | HPX-420 S | 7.9 | | | 14.9 | 196 |
| 1107 W | " | HPX-421 S | 9.3 | | | 13.0 | 96 |
| 1108 W | " | HPX-422 S | 2.0 | | | 6.4 | 86 |
| 1109 W | " | HPX-423 S | 2.0 | | | 7.3 | 134 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwanoski

DATE RELEASED 1/6/61

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. 3

Distribution:

H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~xxx~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~XXXXX~~ g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1050 W | 11/14/60 | HPX-52 V | 0.5 | | | 0.8 | 43 |
| 1051 W | " | HPX-53 V | 0.2 | | | 2.2 | 28 |
| 1052 W | " | HPX-54 V | 0.6 | | | 1.2 | 80 |
| 1053 W | " | HPX-55 V | 0.6 | | | 0.2 | 33 |
| 1054 W | " | HPX-56 V | 1.6 | | | 2.7 | 40 |
| 1055 W | " | HPX-57 V | 0.5 | | | 0.4 | 19 |
| 1056 W | " | HPX-58 V | 2.6 | | | 1.8 | 122 |
| 1057 W | " | HPX-59 V | 0.8 | | | 0.5 | 53 |
| 1058 W | " | HPX-60 V | 0.2 | | | 0.4 | 20 |
| 1059 W | " | HPX-52 P | 0.2 | | | 1.6 | 20 |
| 1060 W | " | HPX-53 P | 0.2 | | | 1.9 | 30 |
| 1061 W | " | HPX-54 P | 0.1 | | | 2.2 | 24 |
| 1062 W | " | HPX-55 P | 0.6 | | | 2.9 | 17 |
| 1063 W | " | HPX-57 P | 0.3 | | | 1.3 | 18 |
| 1064 W | " | HPX-58 P | 0.8 | | | 1.1 | 22 |
| 1065 W | " | HPX-59 P | <0.1 | | | 0.5 | 22 |
| 1066 W | " | HPX-60 P | 0.1 | | | 1.9 | 21 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborato[illegible]artment
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED 1/6/61

# REPORT OF ~~WATER~~ SOIL ANALYSES

REPORT NO. 22

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson (RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/g. ALPHA | Counts per min/g. BETA |
|---|---|---|---|---|---|---|---|
| 1041 W | 11/14/60 | HPX-52 S | 1.1 | | | 6.9 | 93 |
| 1042 W | " | HPX-53 S | 1.1 | | | 3.6 | 59 |
| 1043 W | " | HPX-54 S | 1.8 | | | 3.9 | 112 |
| 1044 W | " | HPX-55 S | 1.6 | | | 4.1 | 134 |
| 1045 W | " | HPX-56 S | 2.7 | | | 4.7 | 164 |
| 1046 W | " | HPX-57 S | 1.5 | | | 3.7 | 154 |
| 1047 W | " | HPX-58 S | 2.0 | | | 3.5 | 150 |
| 1048 W | " | HPX-59 S | 0.9 | | | 3.5 | 198 |
| 1049 W | " | HPX-60 S | 5.3 | | | 27.5 | 88 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusonoki

DATE RELEASED 1/6/61

# REPORT OF WATER ANALYSES

REPORT NO. 1

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1034 W | 11/14/60 | HPX-54 W | 2.5 | | 7.7 | 1 | 0 |
| 1035 W | " | HPX-55 W | 22.7 | | 7.9 | 2 | 0 |
| 1036 W | " | HPX-56 W | 7.6 | | 8.0 | 1 | 688 |
| 1037 W | " | HPX-57 W | 6.3 | | 7.5 | 1 | 0 |
| 1038 W | " | HPX-58 W | 4.6 | | 7.6 | 0 | 0 |
| 1039 W | " | HPX-59 W | 2.5 | | 7.5 | 1 | 2 |
| 1040 W | " | HPX-60 W | 2.1 | | 7.6 | 1 | 0 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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VEG[illegible]TION

# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. [illegible]0

Distribution:

H.F.Henry W.C.Hartman T.C.Whitson (RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~xxx~~ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml~~ ~~xxx~~kg. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1019 W | 11/9/60 | HPX-44 V | 0.6 | | | 0.9 | 41 |
| 1020 W | " | HPX-45 V | 0.3 | | | 0.1 | 56 |
| 1021 W | " | HPX-46 V | 0.8 | | | 0.8 | 46 |
| 1022 W | " | HPX-47 V | 0.5 | | | 0.3 | 31 |
| 1023 W | " | HPX-48 V | 0.3 | | | 0.3 | 31 |
| 1024 W | " | HPX-49 V | 1.9 | | | 0.1 | 9 |
| 1025 W | " | HPX-50 V | 0.1 | | | 0.1 | 14 |
| 1026 W | " | HPX-51 V | 2.3 | | | 5.2 | 36 |
| 1003 | 11/9/60 | HPX-44 P | 0.1 | | | 0.2 | 2 |
| 1004 | " | HPX-45 P | 0.2 | | | 0.4 | 18 |
| 1005 W | " | HPX-46 P | 0.2 | | | 0.7 | 7 |
| 1006 W | " | HPX-47 P | 0.3 | | | 3.9 | 6 |
| 1007 W | " | HPX-48 P | 0.3 | | | 0.7 | 6 |
| 1008 W | " | HPX-49 P | 0.4 | | | 6.9 | 12 |
| 1009 W | " | HPX-50 P | 0.3 | | | 0.4 | 14 |
| 1010 W | " | HPX-51 P | 1.3 | | | 1.5 | 8 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. -9

Distribution:

✓H.F.Henry W.C.Hartman T.C.Whitson (RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~xxx~~ppm. | FLUORIDES ppm. | pH | Counts per min/~~xxx~~ml. g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1011 W | 11/9/60 | HPX-44 S | 3.1 | | | 17.1 | 166 |
| 1012 W | " | HPX-45 S | 0.6 | | | 3.1 | 52 |
| 1013 W | " | HPX-46 S | 0.9 | | | 2.4 | 57 |
| 1014 W | " | HPX-47 S | 1.0 | | | 2.3 | 140 |
| 1015 W | " | HPX-48 S | 1.0 | | | 2.1 | 113 |
| 1016 W | " | HPX-49 S | 0.9 | | | 3.6 | 74 |
| 1017 W | " | HPX-50 S | 1.4 | | | 5.2 | 98 |
| 1018 W | " | HPX-51 S | 1.3 | | | 3.9 | 88 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 3

Distribution:
H.F.Henry, E.C.Bollinger, W.C.Hartman, H.G.P.Snyder, T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 995 W | 11/9/60 | HPX-44 W | 1.7 | | 7.8 | 0 | 0 |
| 996 W | " | HPX-45 W H. Pugh | 0.4 | | 7.8 | 0 | 1 |
| 997 W | " | HPX-46 W | 0.0 | | 7.6 | 1 | 6 |
| 998 W | " | HPX-47 W | 0.4 | | 7.8 | 1 | 1 |
| 999 W | " | HPX-48 W | 0.4 | | 7.8 | 0 | 1 |
| 1000 W | " | HPX-49 W | 1.3 | | 7.9 | 0 | 2 |
| 1001 W | " | HPX-50 W B. Ch. | 1.7 | | 7.9 | 1 | 0 |
| 1002 W | " | HPX-51 W | 56.7 | | 8.0 | 5 | 17 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 7

Distribution:
✓H.F.Henry W.C.Hartman C.H.Mahoney
E.C.Bollinger H.G.P.Snyder T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~URANIUM~~ Hg ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 987 W | 11/5/60 | CW-1 | 8 | | | | |
| 992 W | " | CW-7 | 0 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 316

Distribution:
H.F.Henry W.C.Hartman C.H.Mahoney
E.C.Bollinger H.G.P.Snyder T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~URANIUM~~ Hg ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 910 W | 10/1/60 | CW-1 | 0 | | | | |
| 915 W | " | CW-7 | 0 | | | | |
| 931 W | 10/8/60 | CW-1 | 4 | | | | |
| 936 W | " | CW-7 | 4 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Special Analysis Section

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# REPORT OF WATER ANALYSES

REPORT NO. 315

Distribution:
H.F.Henry, E.C.Bollinger, W.C.Hartman, H.G.P.Snyder, C.H.Mahoney, T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~URANIUM~~ Hg ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 840 W | 9/3/60 | CW-1 | 0 | | | | |
| 845 W | " | CW-7 | 0 | | | | |
| 852 | 9/10/60 | CW-1 | 0 | | | | |
| 857 | 9/9/60 | CW-7 | 0 | | | | |
| 880 W | 9/17/60 | CW-1 | 0 | | | | |
| 888 W | " | CW-7 | 0 | | | | |
| 901 W | 9/24/60 | CW-1 | 32 | | | | |
| 907 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 47 M | Sept. Composite | CW-4 | 0 | | | | |
| 48 M | " | CW-5 | 0 | | | | |
| 49 M | " | CW-6 | 0 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 314

Distribution:
H.F.Henry W.C.Hartman C.H.Mahoney
E.C.Bollinger H.G.P.Snyder T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Hg ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 757 W | 8/6/60 | CW-1 | 4 | | | | |
| 762 W | " | CW-7 | 0 | | | | |
| 770 W | 8/13/60 | CW-1 | 4 | | | | |
| 775 W | " | CW-7 | 8 | | | | |
| 791 W | 8/20/60 | CW-1 | 0 | | | | |
| 797 W | " | CW-7 | 0 | | | | |
| 820 W | 8/27/60 | CW-1 | 0 | | | | |
| 825 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 41 M | August Composite | CW-4 | 0 | | | | |
| 42 M | " | CW-5 | <0.1 | | | | |
| 43 M | " | CW-6 | 0 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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REPORT NO. 313

# REPORT OF WATER ANALYSES

Distribution:
H.F.Henry W.C.Hartman C.H.Mahoney
E.C.Bollinger H.G.P.Snyder T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Hg ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 596 W | 7/2/60 | CW-1 | 20 | | | | |
| 601 W | " | CW-7 | 0 | | | | |
| 617 W | 7/9/60 | CW-1 | 2 | | | | |
| 622 W | " | CW-7 | 0 | | | | |
| 639 W | 7/16/60 | CW-1 | 0 | | | | |
| 644 W | " | CW-7 | 0 | | | | |
| 656 W | 7/23/60 | CW-1 | 0 | | | | |
| 661 W | " | CW-7 | 0 | | | | |
| 743 W | 7/30/60 | CW-1 | 8 | | | | |
| 748 W | " | CW-7 | 16 | | | | |
| | | | | | | | |
| 35 M | July Composite | CW-4 | 0 | | | | |
| 36 M | " | CW-5 | 0 | | | | |
| 37 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 12

Distribution:
H.F.Henry W.C.Hartman C.H.Mahoney
E.C.Bollinger H.G.P.Snyder T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Hg ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 514 W | 6/4/60 | CW-1 | 8 | | | | |
| 519 W | " | CW-7 | 4 | | | | |
| 532 W | 6/11/60 | CW-1 | 8 | | | | |
| 537 W | " | K-901 | 0 | | | | |
| 554 W | 6/18/60 | CW-1 | 4 | | | | |
| 559 W | " | K-901 | 0 | | | | |
| 574 W | 6/25/60 | CW-1 | 0 | | | | |
| 579 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 30 M | June Composite | CW-4 | 0 | | | | |
| 31 M | " | CW-5 | 0 | | | | |
| 32 M | " | CW-6 | 0 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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DATE RELEASED 11/29/60

# REPORT OF WATER ANALYSES

REPORT NO. 1

Distribution:
H.F.Henry W.C.Hartman C.H.Mahoney
E.C.Bollinger H.G.P.Snyder T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~URANIUM~~ Hg ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 502 W | 5/28/60 | CW-1 | 20 | | | | |
| 507 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 25 M | May Composite | CW-4 | 0 | | | | |
| 26 M | " | CW-5 | 0 | | | | |
| 27 M | " | CW-6 | 0 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. [illegible]0

Distribution:
✓H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 987 W | 11/5/60 | CW-1 | 78 | 0.4 | 7.0 | | 11 |
| 988 W | " | CW-3 | 7 | 0.4 | 7.2 | 1 | 120 |
| 989 W | " | CW-4 | 11 | 0.1 | 7.3 | 1 | 152 |
| 990 W | " | CW-5 | 4 | | 7.5 | 0 | 111 |
| 991 W | " | CW-6 | | <0.1 | 7.5 | 0 | 264 |
| 992 W | " | CW-7 | 7 | | 7.5 | 1 | 130 |
| 993 W | " | CW-8 | 19 | | 7.4 | | 7 |
| 994 W | " | DW-1 | 5 | | 7.4 | 0 | 113 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 9

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 931 W | 10/8/60 | CW-1 | 50 | 0.3 | 7.1 | | 5 |
| 932 W | " | CW-3 | 3 | 0.1 | 7.4 | 1 | 145 |
| 933 W | " | CW-4 | 1 | 0.0 | 7.6 | 0 | 163 |
| 934 W | " | CW-5 | 1 | | 8.1 | 0 | 150 |
| 935 W | " | CW-6 | | 0.0 | 7.5 | | 81 |
| 936 W | " | CW-7 | 2 | | 7.7 | 0 | 142 |
| 937 W | " | CW-8 | 15 | | 7.5 | | 2 |
| 938 W | " | DW-1 | 0 | | 7.1 | 1 | 154 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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# REPORT OF WATER ANALYSES

REPORT NO. [illegible]308

Distribution:
H.F.Henry W.C.Hartman T.C.Whitson(RC)
E.C.Bollinger H.G.P.Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 910 W | 10/1/60 | CW-1 | 54 | 0.6 | 7.6 | | 11 |
| 911 W | " | CW-3 | 3 | 0.0 | 7.9 | | 30 |
| 912 W | " | CW-4 | 3 | 0.0 | 8.0 | | 15 |
| 913 W | " | CW-5 | 1 | | 8.4 | | 21 |
| 914 W | " | CW-6 | | 0.0 | 7.6 | | 15 |
| 915 W | " | CW-7 | 1 | | 7.9 | | 13 |
| 916 W | " | CW-8 | 16 | | 7.7 | | 8 |
| 917 W | " | DW-1 | 0 | | 7.4 | 1 | 20 |
| 918 W | " | DW-3 | 0 | | 7.8 | 1 | 36 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 307

Distribution:
H.F.Henry, E.C.Bollinger, W.C.Hartman, H.G.P.Snyder, T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM-12 | 8/22/60 | MM-1 | 10 | | | 84.6 | 285 |
| MM-13 | " | MM-2 | 393 | | | 1098.5 | 2417 |
| MM-14 | " | MM-3 | 10 | | | 41.1 | 1166 |
| MM-15 | " | MM-4 | 5 | | | 13.1 | 1347 |
| MM-16 | " | MM-5 | 25 | | | 103.5 | 593 |
| MM-17 | " | MM-6 | 2 | | | 5.4 | 465 |
| MM-18 | " | MM-8 | 534 | | | 869.0 | 6730 |
| MM-19 | " | MM-9 | 21 | | | 68.9 | 234 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 306

Distribution:
H.F.Henry, E.C.Bollinger, W.C.Hartman, H.G.P.Snyder, T.C.Whitson(RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 752 W | 8/2/60 | K-413 Drain to Poplar Creek | 4789 | 9800 | 9.7 | 239 | 3100 |
| 753 W | " | K-1410 Drain to Poplar Creek | 1544 | 7400 | 4.7 | 303 | 14500 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF V :TATION ~~[illegible]~~R ANALYSES

REPORT NO. 2

Distribution:

A. F. Becher
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb~~ ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 740 W | 7/29/60 | HPX-43 P | 2.6 | | | 187.5 | 45 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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DATE RELEASED October 17, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 4

Distribution:

H. F. Henry, W.C. Hartman, T.C. Whitson (RC), E. C. Bollinger, H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 435 W | 4/29/60 | East Fork at Poplar Creek (3270 ml.) | 40 | | 7.2 | 5 | 6 |
| 436 W | " | East Fork at Garden Apts. | 515 | | 8.6 | 30 | 117 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T. Kwasowski

DATE RELEASED October 17, 1960

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# REPORT OF WATER ANALYSES

REPORT NO. 03

Distribution:

M.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P. Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 901 W | 9/24/60 | CW-1 | 115 | 3.8 | 7.2 | | 21 |
| 902 W | " | CW-3 | 4 | 0.4 | 7.4 | | 30 |
| 903 W | " | CW-4 | 2 | 0.1 | 7.6 | | 44 |
| 904 W | " | CW-5 | 1 | | 8.1 | 0 | 141 |
| 905 W | " | CW-6 | | 0.1 | 7.6 | | 96 |
| 906 W | " | CW-7 | 3 | | 7.7 | | 49 |
| 907 W | " | CW-8 | 16 | | 7.6 | | 17 |
| 908 W | " | DW-1 | 1 | | 7.1 | 0 | 40 |
| 909 W | " | DW-3 | 2 | | 6.8 | 1 | 57 |
| | | | | | | | |
| 45 M | September Composite | CW-1 | | | | 0 | |
| 46 M | " | CW-3 | | | | 0 | |
| 47 M | " | CW-4 | | | | 0 | |
| 48 M | " | CW-5 | | | | 0 | |
| 49 M | " | CW-6 | | | | 0 | |
| 50 M | " | CW-8 | | | | 1 | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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WCX-1012 (8-55)
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SU[redacted]RVISOR T. Kwasowski

DATE RELEASED October 17, 1960

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]02

Distribution:
H.F. Henry, W.C. Hartman, T.C. Whitson
E.C. Bollinger, H.G.P. Snyder (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 880 W | 9/17/60 | CW-1 | 31 | 3.3 | 6.9 | | 18 |
| 881 W | " | CW-5 | <1 | | 7.0 | | 74 |
| 882 W | " | CW-6 | | 1.3 | 7.0 | | 2 |
| 883 W | " | CW-8 | 14 | | 7.1 | | 0 |
| 884 W | " | CW-3 | 8 | | 6.7 | | 7 |
| 885 W | " | CW-4 | 25 | 2.5 | 6.8 | | 27 |
| 886 W | " | DW-3 | 10 | 1.8 | 6.8 | 1 | 103 |
| 887 W | " | DW-1 | 2 | | 6.8 | 0 | 37 |
| 888 W | " | CW-7 | 7 | | 6.9 | 1 | 123 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED October 17, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 301

Distribution:
Dr. H.F. Henry
Mr. E.C. Bollinger
Mr. W.C. Hartman
Mr. H.G.P. Snyder
Mr. T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 852 W | 9/10/60 | CW-1 | 111 | 4.2 | 7.1 | | 23 |
| 853 W | 9/9/60 | CW-3 | 4 | 1.4 | 7.2 | | 0 |
| 854 W | " | CW-4 | 1 | 0.6 | 7.2 | | 3 |
| 855 W | 9/10/60 | CW-5 | 1 | | 7.3 | | 11 |
| 856 W | " | CW-6 | | 0.4 | 7.3 | | 0 |
| 857 W | 9/9/60 | CW-7 | 1 | | 7.3 | | 23 |
| 858 W | 9/10/60 | CW-8 | 168 | | 7.4 | | 45 |
| 859 W | 9/9/60 | DW-1 | 0 | | 7.2 | 0.3 | 13 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SUPERVISOR T. Kwasnoski

DATE RELEASED September 29, 1960

# REPORT OF WATER ANALYSES

REPORT NO. [redacted]300

Distribution:
Dr. H.F. Henry
Mr. E.C. Bollinger
Mr. W.C. Hartman
Mr. H.G.P. Snyder
Mr. T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 840 W | 9/3/60 | CW-1 | 78 | 2.5 | 7.1 | | 11 |
| 841 W | " | CW-3 | 4 | 0.5 | 7.3 | | 42 |
| 842 W | " | CW-4 | 0 | 0.3 | 7.3 | | 11 |
| 843 W | " | CW-5 | 0 | | 7.6 | | 35 |
| 844 W | " | CW-6 | | 0.2 | 7.6 | | 19 |
| 845 W | " | CW-7 | 0 | | 7.7 | | 38 |
| 846 W | " | CW-8 | 29 | | 7.6 | | 13 |
| 847 W | " | DW-1 | <1 | | 7.5 | 0 | 8 |
| 848 W | " | DW-3 | 0 | | 7.5 | 0 | 20 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kwasnoski

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# REPORT OF WATER ANALYSES

REPORT NO. 99

Distribution:
Dr. H.F. Henry
Mr. E.C. Bollinger
Mr. W.C. Hartman
Mr. H. G. P. Snyder
Mr. T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 820 W | 8/27/60 | CW-1 | 81 | 5.3 | 7.1 | | 21 |
| 821 W | " | CW-3 | 7 | 0.0 | 7.2 | | 70 |
| 822 W | " | CW-4 | 2 | 0.0 | 7.3 | | 63 |
| 823 W | " | CW-5 | <1 | | 7.4 | | 49 |
| 824 W | " | CW-6 | | 0.0 | 7.4 | | 32 |
| 825 W | " | CW-7 | 3 | | 7.4 | | 58 |
| 826 W | " | CW-8 | 5 | | 7.5 | | 5 |
| 827 W | " | DW-1 | 3 | | 7.2 | 1 | 81 |
| 828 W | " | DW-3 | 1 | | 7.4 | 0 | 105 |
| | | | | | | | |
| 39 M | August Composite | CW-1 | | | | 5 | |
| 40 M | " | CW-3 | | | | 1 | |
| 41 M | " | CW-4 | | | | 0 | |
| 42 M | " | CW-5 | | | | 0 | |
| 43 M | " | CW-6 | 5 | | | 0 | |
| 44 M | " | CW-8 | | | | 2 | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SU[redacted]RVISOR T. Kwoonoki

DATE RELEASED September 29, 1960

# REPORT OF ~~WATER~~ Miscellaneous ANALYSES

REPORT NO. 3

Distribution:
A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM µg./g. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 341 W | 4/20/60 | Uranium coated rocks, K-1131 Drain (South Bank of Poplar Creek) | 0.4 | | | 5.2 | 83.2 |
| 342 W | " | Mud, K-1410 Drain to Poplar Creek | 2066 | | | 1485 | 278,059 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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SUPERVISOR T. Kwasowski

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# REPORT OF WATER ANALYSES

REPORT NO. 297

Distribution:
H.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P. Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min./100 ml. g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 385 W | 4/20/60 | Mud, Clinch River at Scarboro Gauging Station | 1.0 | | | 2.8 | 32 |
| 386 W | " | Mud, Clinch River at Emory Valley | 0.7 | | | 11 | 29 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SUPERVISOR T. Kobayashi

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. .96

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml~~ g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 741 W | 7/29/60 | HPX-42 V | 0.2 | | | 0.9 | 18 |
| 742 W | " | HPX-43 V | 0.4 | | | 6.5 | 59 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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SUPERVISOR T. Kwasnoski

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. 95

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min./100 ml. ALPHA | Counts per min./100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 728 W | 7/28/60 | HPX-35 V | 0.2 | | | 2.4 | 25 |
| 729 W | " | HPX-36 V | 1.7 | | | 8.0 | 38 |
| 730 W | " | HPX-37 V | 0.8 | | | 5.0 | 23 |
| 731 W | " | HPX-38 V | 0.3 | | | 1.9 | 18 |
| 732 W | " | HPX-39 V | 0.8 | | | 5.4 | 46 |
| 733 W | " | HPX-40 V | 1.5 | | | 11.3 | 64 |
| 734 W | " | HPX-41 V | 0.1 | | | 0.6 | 25 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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S[redacted]RVISOR Kurosawa

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. [illegible]94

Distribution:

A. F. Becher

T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb.~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 713 W | 7/28/60 | HPX-35 - P | 0.1 | | | 0.1 | 59 |
| 714 W | " | HPX-36 - P | 1.0 | | | <0.1 | 48 |
| 715 W | " | HPX-37 - P | 0.8 | | | 1.5 | 57 |
| 716 W | " | HPX-38 - P | 0.2 | | | <0.1 | 26 |
| 717 W | " | HPX-39 - P | 0.2 | | | 0.6 | 104 |
| 718 W | " | HPX-40 - P | 0.1 | | | 0.1 | 40 |
| 719 W | " | HPX-41 - P | 0.2 | | | 2.0 | 42 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 3

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 707 W | 7/28/60 | HPX-35 W | 0.0 | | | 0 | 0 |
| 708 W | " | HPX-36 W | 66.5 | | | 5 | 0 |
| 709 W | " | HPX-38 W | 0.1 | | | 0 | 0 |
| 710 W | " | HPX-39 W | 0.0 | | | 0 | 0 |
| 711 W | " | HPX-40 W | 0.0 | | | 1 | 0 |
| 712 W | " | HPX-41 W | 0.0 | | | 0 | 7 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. [illegible]292

Distribution:

✓A. F. Becher
T. C. Whitxon (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~mrb~~ ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 694 W | 7/27/60 | HPX-28 P | 0.3 | | | 0.2 | 13 |
| 695 W | " | HPX-29 P | 0.3 | | | 2.0 | 5 |
| 696 W | " | HPX-30 P | 0.3 | | | 1.1 | 10 |
| 697 W | " | HPX-31 P | 0.4 | | | 0.7 | 23 |
| 698 W | " | HPX-32 P | 0.3 | | | 0.5 | 30 |
| 699 W | " | HPX-33 P | 7.7 | | | 1.5 | 34 |
| 700 W | " | HPX-34 P | 4.0 | | | 1.0 | 27 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. 91

Distribution:
A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb.~~ ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 686 W | 7/27/60 | HPX-27 V | 0.1 | | | 0.2 | 44 |
| 687 W | " | HPX-28 V | 0.3 | | | 0.1 | 27 |
| 688 W | " | HPX-29 V | 0.6 | | | 0.0 | 52 |
| 689 W | " | HPX-30 V | 0.3 | | | 0.0 | 21 |
| 690 W | " | HPX-31 V | 0.6 | | | 0.2 | 6 |
| 691 W | " | HPX-32 V | 0.6 | | | 0.3 | 57 |
| 692 W | " | HPX-33 V | 0.4 | | | <0.1 | 20 |
| 693 W | " | HPX-34 V | 1.0 | | | 0.4 | 55 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kuwasoshi

DATE RELEASED September 19, 1960

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]0

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 735 W | 7/29/60 | HPX-42-W | 0.0 | | | 0 | 0 |
| 736 W | " | HPX-43-W | 0.0 | | | 0 | 9 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasowski

DATE RELEASED 9/12/60

# REPORT OF ~~WATER~~ SOIL ANALYSES

REPORT NO. 289

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb.~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 737 W | 7/29/60 | HPX-42-S | 0.7 | | | 9.8 | 90 |
| 738 W | " | HPX-43-S | 0.8 | | | 4.1 | 86 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cont~~ [redacted]es K25RC
Works Laborator[redacted]artment
Special Analysis Section

S[redacted]RVISOR T. Kusnoski

DATE RELEASED 9/12/60 [redacted]

# REPORT OF [redacted] ANALYSES

REPORT NO. [redacted]

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml g. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 720 W | 7/28/60 | HPX-35-S | 1.0 | | | 4.8 | 99 |
| 721 W | " | HPX-36-S | 1.0 | | | 10.2 | 25 |
| 722 W | " | HPX-37-S-2 | 0.8 | | | 7.6 | 46 |
| 723 W | " | HPX-37-S-4 | 0.8 | | | 5.5 | 47 |
| 724 W | " | HPX-38-S | 3.2 | | | 40.5 | 97 |
| 725 W | " | HPX-39-S | 0.7 | | | 9.9 | 31 |
| 726 W | " | HPX-40-S | 0.9 | | | 217.3 | 38 |
| 727 W | " | HPX-41-S | 0.9 | | | 4.7 | 83 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED 9/12/60

# REPORT OF ~~WATER~~ SOIL ANALYSES

REPORT NO. 287

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb.~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 677 W | 7/27/60 | HPX-27-S | 1.6 | | | 5.4 | 81 |
| 678 W | " | HPX-28-S | 1.3 | | | 5.1 | 114 |
| 679 W | " | HPX-29-S | 1.5 | | | 7.9 | 58 |
| 680 W | " | HPX-30-S | 1.5 | | | 4.9 | 50 |
| 681 W | " | HPX-31-S-2 | 1.8 | | | 4.6 | 47 |
| 682 W | " | HPX-31-S-4 | 1.0 | | | 30.2 | 28 |
| 683 W | " | HPX-32-S | 1.1 | | | 35.1 | 18 |
| 684 W | " | HPX-33-S | 1.8 | | | 4.2 | 58 |
| 685 W | " | HPX-34-S | 0.8 | | | 6.7 | 185 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Com~~[redacted]es K25RG
Works Laborator[redacted]artment
Special Analysis Section

SU[redacted]RVISOR T. Kwapowski

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# REPORT OF WATER ANALYSES

REPORT NO. 86

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 701 W | 7/27/60 | HPX-27-W | 1 | | | 0 | 2 |
| 702 W | " | HPX-28-W | 1 | | | 0 | 7 |
| 703 W | " | HPX-29-W | 2 | | | 0 | 0 |
| 704 W | " | HPX-30-W | 25 | | | 2 | 0 |
| 705 W | " | HPX-33-W | 0 | | | 0 | 2 |
| 706 W | " | HPX-34- W | 1 | | | 0 | 3 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwoonohi

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# REPORT OF WATER ANALYSES

REPORT NO. 85

Distribution:
H.F. Henry, W.C. Hartman, T.C. Whitson
E.C. Bollinger, H.G.P. Snyder, (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 791 W | 8/20/60 | CW-1 | 66 | 5.5 | 7.1 | | 20 |
| 792 W | " | CW-2 | 94 | 0.7 | 7.3 | | 93 |
| 793 W | " | CW-3 | 18 | 0.2 | 7.3 | | 24 |
| 794 W | " | CW-4 | 8 | | 7.4 | | 19 |
| 795 W | " | CW-5 | 7 | | 7.5 | | 81 |
| 796 W | " | CW-6 | | 0.4 | 7.4 | | 84 |
| 797 W | " | CW-7 | 7 | | 7.4 | | 21 |
| 798 W | " | CW-8 | 18 | | 7.2 | | 20 |
| 799 W | " | DW-1 | 2 | | 7.2 | | 37 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborato[illegible]partment
Special Analysis Section

S[illegible]RVISOR T. Kuronoski

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# REPORT OF WATER ANALYSES

REPORT NO. 4

H.F. Henry
E.C. Bollinger
W.C. Hartman

Distribution:
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 770 W | 8/13/60 | CW-1 | 92 | 0.7 | 7.0 | | 20 |
| 771 W | " | CW-3 | 5 | 0.2 | 6.9 | | 96 |
| 772 W | " | CW-4 | 3 | 0.2 | 6.9 | | 157 |
| 773 W | " | CW-5 | 1 | | 7.6 | | 81 |
| 774 W | " | CW-6 | | 0.0 | 7.4 | | 94 |
| 775 W | " | CW-7 | 5 | | 7.2 | | 120 |
| 776 W | " | CW-8 | 12 | | 7.0 | | 1 |
| 777 W | " | DW-1 | <1 | | 6.9 | | 94 |
| 778 W | " | DW-3 | 2 | | 7.1 | | 116 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kurosaki

DATE RELEASED 9/6/60

# REPORT OF WATER ANALYSES

REPORT NO. 83

Distribution:
H.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P. Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 757 W | 8/6/60 | CW-1 | 62 | 1.8 | 7.2 | | 14 |
| 758 W | " | CW-3 | 8 | 0.5 | 7.3 | | 39 |
| 759 W | " | CW-4 | 6 | 0.5 | 7.3 | | 27 |
| 760 W | " | CW-5 | 3 | | 7.6 | | 4 |
| 761 W | " | CW-6 | | 0.0 | 7.5 | | 6 |
| 762 W | " | CW-7 | 5 | | 7.6 | | 11 |
| 763 W | " | CW-8 | 27 | | 7.5 | | 7 |
| 764 W | " | DW-1 | <1 | | 7.3 | 0 | 8 |
| 765 W | " | DW-3 | <1 | | 7.3 | 0 | 20 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cont[illegible]es K25RC~~
Works Laborator[illegible]artment
Special Analysis Section

SU[illegible]RVISOR T Kwasowski

DATE RELEASED 9/6/60

# REPORT OF WATER ANALYSES

REPORT NO. 82

Distribution:
H.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P. Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 743 W | 7/30/60 | CW-1 | 10 | 0.0 | 7.5 | | 16 |
| 744 W | " | CW-3 | 7 | 0.0 | 7.7 | | 12 |
| 745 W | " | CW-4 | 1 | 1.5 | 7.7 | | 18 |
| 746 W | " | CW-5 | 3 | | 8.0 | | 18 |
| 747 W | " | CW-6 | | 0.0 | 7.5 | | 12 |
| 748 W | " | CW-7 | 5 | | 7.6 | | 10 |
| 749 W | " | CW-8 | 22 | | 7.4 | | 10 |
| 750 W | " | DW-1 | 2 | | 6.9 | 0 | 9 |
| 751 W | " | DW-3 | 2 | | 7.5 | 0 | 23 |
| | | | | | | | |
| 33 M | July Composite | CW-1 | | | | 5 | |
| 34 M | " | CW-3 | | | | 0 | |
| 35 M | " | CW-4 | | | | 0 | |
| 36 M | " | CW-5 | | | | 0 | |
| 37 M | " | CW-6 | 1 | | | 0 | |
| 38 M | " | CW-8 | | | | 3 | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T. Kusowski

DATE RELEASED 9/6/60

WCX-1012 (8-55)
~~Laboratory~~ Central Files K25RC
Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 1

Distribution:
H.F. Henry, W.C. Hartman, T.C. Whitson
E.C. Bollinger, H.G.P. Snyder (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 656 W | 7/23/60 | CW-1 | 90 | 1.9 | 7.3 | | 22 |
| 657 W | " | CW-3 | 6 | 1.2 | 7.8 | | 9 |
| 658 W | " | CW-4 | 2 | 0.0 | 8.0 | | 8 |
| 659 W | " | CW-5 | 1 | | 8.3 | | 61 |
| 660 W | " | CW-6 | | 0.2 | 7.7 | | 57 |
| 661 W | " | CW-7 | 4 | | 7.9 | | 6 |
| 662 W | " | CW-8 | 6 | | 7.3 | | 49 |
| 663 W | " | DW-1 | | | 7.3 | 0 | 9 |
| 664 W | " | DW-3 | | | 7.8 | 0 | 44 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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S[illegible]RVISOR T Kuronoski

DATE RELEASED 9/[illegible]/60

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# REPORT OF WATER ANALYSES

REPORT NO. 0

Distribution:
H.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P. Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 mlx~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM-11 | 6/17/60 | MM-7 Sewage Disposal Plant Sludge | 1727 | | | 2158 | 10,780 |

RECEIVED AUG 1960 SAFETY RADIATION

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuroosaki

DATE RELEASED August 26, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 78

Distribution:
H.F. Henry, W.C. Hartman, T.C. Whitson
E.C. Bollinger, H.G.P. Snyder (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 332 W | 4/19/60 | Stream bottom mud. East Fork at Poplar Creek, North Bank - 30' West of Bridge | 54 | | | 84 | 215 |
| 333 W | " | Stream bottom mud. Poplar Creek, 1/2 mile below East Fork Junction - Blair Road Bridge, South Bank - 30' East | 20 | | | 31 | 86 |
| 334 W | " | Stream bottom mud. Poplar Creek, 1/2 mile below East Fork Junction - Blair Road Bridge - 30' West - North Bank | 21 | | | 33 | 123 |
| 335 W | " | Stream bottom mud. East Fork at Poplar Creek South Bank - 30' East of Bridge | 75 | | | 98 | 286 |
| 336 W | " | Stream bottom mud. East Fork at Poplar Creek - South Bank - 30' West of Bridge | 68 | | | 91 | 194 |
| 337 W | " | Stream bottom mud. Poplar Creek, 1/2 mile below East Fork Junction - Blair Road Bridge - 200' East - North Bank. | 16 | | | 32 | 47 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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DATE RELEASED August 26, 1960

# REPORT OF ~~WATER~~ SOIL ANALYSES

REPORT NO. 279

Distribution:
H.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P. Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 408 W | 5/6/60 | HPX-412-S, K-1064 Storage Yard | 10.1 | | | 12 | 116 |
| 410 W | " | HPX-413-S, Blair Road, N. of Poplar Creek Bridge | 1.6 | | | 3.1 | 59 |
| 412 W | " | HPX-414-S, Stoner Road, Near Blair Road (K-1037) | 4.1 | | | 8.5 | 172 |
| 414 W | " | HPX-415-S, K-1017-S-3 Guard Tower | 8.6 | | | 11 | 210 |
| 416 W | " | HPX-416-S, Contractor Rd. West of Data Processing Building | 1.6 | | | 4.6 | 73 |
| | | Note: Above locations are 1 mile from center of plant. | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusonoki

DATE RELEASED August 26, 1960

REPORT NO. 277

# REPORT OF WATER ANALYSES

Distribution:
H.F. Henry, W.C. Hartman, T.C. Whitson (RC), E.C. Bollinger, H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml/gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 299 W | 4/14/60 | HPX-12-S-2 | 1.9 | | | 5.8 | 122 |
| 300 W | " | HPX-12-S-4 | 0.9 | | | 3.4 | 51 |
| 301 W | " | HPX-17-S-2 | 1.0 | | | 4.3 | 104 |
| 302 W | " | HPX-17-S-4 | 0.9 | | | 2.3 | 57 |
| 303 W | " | HPX-10-S | 6.3 | | | 9.7 | 133 |
| 304 W | " | HPX-11-S | 1.2 | | | 3.1 | 59 |
| 305 W | " | HPX-13-S | 1.3 | | | 6.9 | 49 |
| 306 W | " | HPX-14-S | 3.8 | | | 2.8 | 146 |
| 307 W | " | HPX-15-S | 1.3 | | | 3.9 | 31 |
| 308 W | " | HPX-16-S | 2.2 | | | 4.4 | 117 |
| 309 W | " | HPX-18-S | 0.7 | | | 2.2 | 73 |
| 310 W | " | HPX-18-M | 0.9 | | | 2.5 | 56 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SU[redacted]RVISOR T. Kuzovski

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# REPORT OF WATER ANALYSES

REPORT NO. 76

Distribution:
H.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P. Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 639 W | 7/16/60 | CW-1 | 27 | | 7.4 | | 0 |
| 640 W | " | CW-3 | 9 | | 7.6 | | 18 |
| 641 W | " | CW-4 | 1 | | 7.7 | | 63 |
| 642 W | " | CW-5 | 2 | | 8.0 | 0 | 156 |
| 643 W | " | CW-6 | | | 7.4 | 1 | 126 |
| 644 W | " | CW-7 | 1 | | 7.9 | | 14 |
| 645 W | " | CW-8 | 4 | | 7.7 | | 4 |
| 646 W | " | DW-1 | 0 | | 7.2 | 0 | 44 |
| 647 W | " | DW-3 | 3 | | 7.9 | 0 | 92 |

RECEIVED JUL 1 1960 SAFETY, FIRE AND RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T.C. Whitson for TK

DATE RELEASED July 28, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 5

Distribution:
H.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P.Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 617 W | 7/9/60 | CW-1 | 63 | 1.6 | 7.4 | | 11 |
| 618 W | " | CW-3 | 7 | 0.0 | 7.6 | 1 | 132 |
| 619 W | " | CW-4 | 3 | 0.0 | 8.0 | | 12 |
| 620 W | " | CW-5 | 2 | | 8.4 | | 31 |
| 621 W | " | CW-6 | | 0.0 | 7.7 | | 80 |
| 622 W | " | CW-7 | 2 | | 8.2 | 0 | 265 |
| 623 W | " | CW-8 | 2 | | 7.4 | | 6 |
| 624 W | " | DW-1 | 3 | | 7.3 | 0 | 9 |
| 625 W | " | DW-3 | 3 | | 8.0 | 0 | 113 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Con~~[redacted]tes K25RC
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Special Analysis Section

SU[redacted]RVISOR T.C. Whitson for TC

DATE RELEASED July 28, 1960

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]4

Distribution:
H.F. Henry W.C. Hartman T.C.Whitson
E.C. Bollinger H.G.P.Snyder (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 596 W | 7/2/60 | CW-1 | 28 | 0.9 | 7.0 | | 8 |
| 597 W | " | CW-3 | 4 | 0.2 | 7.1 | 2 | 141 |
| 598 W | " | CW-4 | 4 | 0.2 | 7.4 | 1 | 197 |
| 599 W | " | CW-5 | 3 | | 7.6 | 1 | 355 |
| 600 W | " | CW-6 | | 0.2 | 7.5 | 0 | 274 |
| 601 W | " | CW-7 | 4 | | 7.3 | 1 | 175 |
| 602 W | " | CW-8 | 11 | | 7.4 | | 6 |
| 603 W | " | DW-1 | <1 | | 7.2 | 0 | 135 |
| 604 W | " | DW-3 | 3 | | 7.3 | 1 | 247 |

RECEIVED AUG 1 1960 SAFETY, HEALTH & RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T.C. Whitson for TK DATE RELEASED July 28, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 3

Distribution:

H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P.Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 583 W | 6/27/60 | Pond S.W. of K-1001 | 7 | | 9.1 | 4 | 17 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Cent~~[redacted]es K25RC
Works Laborator[redacted]artment
Special Analysis Section

SU[redacted]VISOR T.C. whitson for TK

DATE RELEASED July 28, 1960 [redacted]

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]72

Distribution:
H.F. Henry W.C. Hartman T.C. Whitson
E.C. Bollinger H.G.F. Snyder (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 574 W | 6/25/60 | CW-1 | 93 | | 7.1 | | 15 |
| 575 W | " | CW-3 | 8 | | 7.3 | | 42 |
| 576 W | " | CW-4 | 4 | | 7.6 | | 427 |
| 577 W | " | CW-5 | 1 | | 7.7 | | 257 |
| 578 W | " | CW-6 | | | 7.4 | | 264 |
| 579 W | " | CW-7 | 3 | | 7.7 | | 404 |
| 580 W | " | CW-8 | 16 | | 7.4 | | 9 |
| 581 W | " | DW-1 | 1 | | 7.4 | | 107 |
| 582 W | " | DW-3 | 3 | | 7.8 | | 128 |

RECEIVED JUL 1 8 [illegible]

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T.C. Whitson for T.K.

DATE RELEASED July 12, 1960

WCX-1012 (8-55)
~~Laboratory Control~~
Works Laboratory Department
Special Analysis Section

REPORT NO. 71

# REPORT OF WATER ANALYSES

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 554 W | 6/18/60 | CW-1 | 53 | | 6.7 | | 23 |
| 555 W | " | CW-3 | 19 | | 6.9 | | 91 |
| 556 W | " | CW-4 | 9 | | 7.0 | | 38 |
| 557 W | " | CW-5 | 2 | | 7.2 | | 20 |
| 558 W | " | CW-6 | | | 7.2 | | 1 |
| 559 W | " | K-901 CW-7 | 2 | | 7.3 | | 137 |
| 560 W | " | DW-1 | <1 | | 7.2 | 0 | 6 |
| 561 W | " | DW-3 | 2 | | 7.4 | 0 | 41 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~[illegible]~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T.C. Whitson for T.K.

DATE RELEASED July 12, 1960

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]0

Distribution:

H.F. Henry W.C. Hartman T.C. Whitson
E.C. Bollinger H.G.P. Snyder (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 532 W | 6/11/60 | CW-1 | 75 | 0.4 | 7.0 | | 6 |
| 533 W | " | CW-3 | 9 | 0.0 | 7.2 | | 16 |
| 534 W | " | CW-4 | 3 | 0.2 | 7.5 | | 12 |
| 535 W | " | CW-5 | 2 | | 7.8 | | 46 |
| 536 W | " | CW-6 | | | 7.8 | | 73 |
| 537 W | " | CW-7 (K-901) | 2 | 0.9 | 7.9 | | 29 |
| 538 W | " | DW-1 | 0 | | 7.6 | | 10 |
| 539 W | " | DW-3 | 4 | | 7.6 | | 23 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Control Files K28RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T.C. Whitson for T.K. DATE RELEASED July 12, 1960

# REPORT OF WATER ANALYSES

REPORT NO.

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 530 W | 6/8/60 | K-1410 Drain to Poplar Creek | 4,635 | | 3.7 | 916 | 14,155 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[redacted]les K25RC
Works Laborator[redacted]artment
Special Analysis Section

SU[redacted]RVISOR T.C. Whitson for T.K.

DATE RELEASED July 21, 1960 [redacted]

# REPORT OF WATER ANALYSES

REPORT NO.

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 544 W | | Drain from K-1410 Floor Decontamination Pan (Toward Poplar Creek) | 4,209 | 12,200 | 5.5 | 92 | 34,216 |
| 545 W | | Drain from K-413 $F_2$ Neutralizing Pit (Toward Poplar Creek) | 437 | 9,100 | 9.0 | 19 | 912 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T.C. Whitson for TK

DATE RELEASED July 21, 1960

# REPORT OF ~~WATER~~ IL ANALYSES

REPORT NO. ____

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb.~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 484 W | 5/24/60 | HPX-19-S | 4.9 | | | 9.4 | 109 |
| 485 W | " | HPX-20-S | 2.3 | | | 4.9 | 157 |
| 486 W | " | HPX-21-S | 2.1 | | | 4.2 | 75 |
| 487 W | " | HPX-22-S | 1.1 | | | 4.7 | 58 |
| 488 W | " | HPX-23-S-2 | 1.3 | | | 2.5 | 63 |
| 489 W | " | HPX-23-S-4 | 1.0 | | | 2.9 | 29 |
| 490 W | " | HPX-24-S | 1.4 | | | 2.0 | 46 |
| 491 W | " | HPX-25-S | 0.7 | | | 2.2 | 154 |
| 492 W | " | HPX-26-S | 1.0 | | | 3.1 | 75 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[redacted]es K25RC
Works Laboratory [redacted]artment
Special Analysis Section

SU[redacted]VISOR T.C. Whitson for TK.

DATE RELEASED Ju[redacted] 21, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 69

Distribution:
H.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P. Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 437 W | 5/14/60 | CW-1 | 77 | 0.6 | 7.3 | | 10 |
| 438 W | " | CW-3 | 9 | 0.1 | 7.6 | | 37 |
| 439 W | " | CW-4 | 3 | 0.2 | 7.7 | 0 | 104 |
| 440 W | " | CW-5 | 4 | | 7.9 | | 72 |
| 441 W | " | CW-6 | | 0.3 | 7.5 | | 53 |
| 442 W | " | CW-7 (K-901) | 0 | | 7.8 | 0 | 101 |
| 443 W | " | DW-1 | 0 | | 7.4 | 1 | 41 |
| 444 W | " | DW-3 | 2 | | 7.6 | 1 | 87 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T.C. Whitson for T.K.

DATE RELEASED July 12, 1960

REPORT NO. 68

# REPORT OF WATER ANALYSES

Distribution:
H.F. Henry W.C. Hartman T.C. Whitson
E.C. Bollinger H.G.P. Snyder (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM-6 | 5/7/60 | MM-1 | 92 | | | 102 | 271 |
| MM-7 | " | MM-2 | 86 | | | 382 | 1226 |
| MM-8 | " | MM-3 | 9 | | | 19 | 483 |
| MM-9 | " | MM-4 | 16 | | | 10 | 672 |
| MM-10 | " | MM-5 | 57 | | | 59 | 176 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Con[illegible]~~
Works Laborato[illegible]artment
Special Analysis Section

SUPERVISOR T. C. Whitson for T.K. DATE RELEASED July 12, 1960

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]67

Distribution:

H.F. Henry W.C. Hartman T.C.Whitson
E.C. Bollinger H.G.F. Snyder (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM-1 | 2/26/60 | MM-1 | 48 | | | 68 | 221 |
| MM-2 | " | MM-2 | 134 | | | 327 | 1306 |
| MM-3 | " | MM-3 | 14 | | | 28 | 519 |
| MM-4 | " | MM-4 | Opp. Loss | | | Opp. Loss | 4540 |
| MM-5 | " | MM-5 | 18 | | | 52 | 368 |

RECEIVED JUL 13 1960

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. C. Whitson for TK. DATE RELEASED July 12, 1960

# REPORT OF ~~WATER~~ VEGETATION ANALYSES

REPORT NO. ____

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 476 W | 5/24/60 | HPX-19-V | 0.9 | | | 0.9 | 14 |
| 477 W | " | HPX-20-V | 0.4 | | | <0.1 | 14 |
| 478 W | " | HPX-21-V | 2.3 | | | 0.3 | 20 |
| 479 W | " | HPX-22-V | 1.5 | | | <0.1 | 17 |
| 480 W | " | HPX-23-V | 1.6 | | | <0.1 | 15 |
| 481 W | " | HPX-24-V | 1.1 | | | <0.1 | 15 |
| 482 W | " | HPX-25-V | 1.2 | | | <0.1 | 14 |
| 483 W | " | HPX-26-V | 0.7 | | | <0.1 | 12 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED July 5, 1960

# REPORT OF ~~WATER~~ VEGETATION ANALYSES

REPORT NO. _____

Distribution:
A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb.~~ ppm. | FLUORIDES ppm. | pH | Counts per min/100 ~~ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 469 W | 5/24/60 | HPX-20-P | 0.6 | | | 0.1 | 3 |
| 470 W | " | HPX-21-P | 1.6 | | | <0.1 | 8 |
| 471 W | " | HPX-22-P | 0.8 | | | 0.1 | 10 |
| 472 W | " | HPX-23-P | 0.8 | | | <0.1 | 6 |
| 473 W | " | HPX-24-P | 0.8 | | | <0.1 | 10 |
| 474 W | " | HPX-25-P | 0.5 | | | <0.1 | 10 |
| 475 W | " | HPX-26-P | 0.4 | | | <0.1 | 6 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

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DATE RELEASED July 5, 1960

# REPORT OF WATER ANALYSES

REPORT NO. ____

Distribution:
A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 462 W | 5/24/60 | HPX-19-W ✓ | 1 | | | 0 | 18 |
| 463 W | " | HPX-20-W ✓ | 0 | | | 0 | 1 |
| 464 W | " | HPX-21-W ✓ | 1 | | | 0 | 1 |
| 465 W | " | HPX-22-W ✓ | 9 | | | 2 | 2 |
| 466 W | " | HPX-23-W ✓ | 1 | | | 0 | 1 |
| 467 W | " | HPX-25-W ✓ | <1 | | | 0 | 1 |
| 468 W | " | HPX-26-W ✓ | 0 | | | 0 | 2 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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SUPERVISOR [redacted] Kwoonoshi

DATE RELEASED July 5, 1960 [redacted]

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# REPORT OF WATER ANALYSES

REPORT NO.

Distribution:
A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 409 W | 5/6/60 | HPX-412-V, K-1064 Storage Yard | 9.8 | | | 5.4 | 39 |
| 411 W | " | HPX-413-V, Blair Rd., N. of Poplar Creek Bend | 3.7 | | | 4.6 | 16 |
| 413 W | " | HPX-414-V, Stoner Rd., Near Blair Rd. (K-1037) | 3.0 | | | 4.2 | 20 |
| 415 W | " | HPX-415-V, K-1017-5-3 Guard Tower | 7.8 | | | 9.0 | 22 |
| 417 W | " | HPX-416-V, Contractor Rd., W. of Data Processing Building | 4.0 | | | 6.3 | 26 |

Note: Above locations are 1 mile from center of plant.

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED July 5, 1960

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO.

Distribution:

A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 290 W | 4/14/60 | HPX-10-V | 0.0 | | | <0.1 | 17 |
| 291 W | " | HPX-11-V | 1.7 | | | 0.4 | 22 |
| 292 W | " | HPX-12-V | 0.4 | | | <0.1 | 40 |
| 293 W | " | HPX-13-V | 0.6 | | | 0.1 | 26 |
| 294 W | " | HPX-14-V | 0.0 | | | 0.3 | 13 |
| 295 W | " | HPX-15-V | 0.0 | | | <0.1 | 20 |
| 296 W | " | HPX-16-V | 0.0 | | | <0.1 | 33 |
| 297 W | " | HPX-17-V | 1.3 | | | 2.8 | 21 |
| 298 W | " | HPX-18-V | 0.9 | | | <0.1 | 22 |

JUL 8 1960

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

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DATE RELEASED July 5, 1960

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. _____

Distribution:
A. F. Becher
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 281 W | 4/14/60 | HPX-10-P (Pine Needles) | 0.6 | | | 0.1 | 6 |
| 282 W | " | HPX-11-P " | 1.3 | | | 0.3 | 11 |
| 283 W | " | HPX-12-P " | 1.2 | | | 0.2 | 12 |
| 284 W | " | HPX-13-P " | 0.5 | | | <0.1 | 12 |
| 285 W | " | HPX-14-P " | 0.8 | | | 1.0 | 8 |
| 286 W | " | HPX-15-P " | 2.3 | | | 1.3 | 8 |
| 287 W | " | HPX-16-P " | 0.5 | | | 0.1 | 7 |
| 288 W | " | HPX-17-P " | 0.7 | | | 0.3 | 5 |
| 289 W | " | HPX-18-P " | 0.4 | | | 0.8 | 3 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Works Laboratory Department
Special Analysis Section

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DATE RELEASED July 5, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 65

Distribution:
H.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P. Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 514 W | 6/4/60 | CW-1 | 117 | 2.1 | 7.1 | | 17 |
| 515 W | " | CW-3 | 5 | 0.1 | 7.2 | | 12 |
| 516 W | " | CW-4 | 1 | 0.4 | 7.8 | | 11 |
| 517 W | " | CW-5 | 1 | | 7.5 | | 19 |
| 518 W | " | CW-6 | | 1.0 | 8.3 | | 21 |
| 519 W | " | CW-7 | 1 | | 8.1 | | 8 |
| 520 W | " | DW-1 | <1 | | 7.5 | | 11 |
| 521 W | " | DW-3 | 3 | | 7.8 | | 21 |

JUL 1 1960

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis [redacted]on

SUPERVISOR T. Kwasnoski
T. Kwasnoski

DATE RELEASED June 29, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:
H.F. Henry, E.C. Bollinger, W.C. Hartman, H.G.P. Snyder, T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 502 W | 5/28/60 | CW-1 | 97 | 0.0 | 7.4 | | 11 |
| 503 W | " | CW-3 | 14 | 0.0 | 7.9 | | 17 |
| 504 W | " | CW-4 | 8 | 0.0 | 8.1 | | 10 |
| 505 W | " | CW-5 | 6 | | 8.4 | | 50 |
| 506 W | " | CW-6 | | 0.0 | 7.8 | | 19 |
| 507 W | " | CW-7 | 2 | | 8.3 | | 29 |
| 508 W | " | DW-1 | 0 | | 7.6 | 0 | 12 |
| 509 W | " | DW-3 | <1 | | 8.0 | 1 | 18 |
| | | | | | | | |
| 22 M | May Composite | CW-1 | | | | 9 | |
| 23 M | " | CW-2 | | | | 3 | |
| 24 M | " | CW-3 | | | | 1 | |
| 25 M | " | CW-4 | | | | 1 | |
| 26 M | " | CW-5 | | | | 0 | |
| 27 M | " | CW-6 | 2 | | | 0 | |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

T. Kwasnoski

SUPERVISOR T. Kwasnoski

DATE RELEASED June 29, 1960

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Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 60

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 454 W | 5/21/60 | CW-1 | 93 | 0.9 | 7.3 | | 13 |
| 455 W | " | CW-3 | 9 | 0.0 | 7.4 | | 68 |
| 456 W | " | CW-4 | 5 | 0.0 | 8.1 | | 30 |
| 457 W | " | CW-5 | 4 | | 8.2 | | 81 |
| 458 W | " | CW-6 | | 0.0 | 7.8 | | 47 |
| 459 W | " | K-901 | 2 | | 7.9 | | 33 |
| 460 W | " | DW-1 | 2 | | 7.5 | 0 | 50 |
| 461 W | " | DW-3 | 4 | | 7.7 | 1 | 41 |

JUL 1 1960

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

T. Kwasnoski

SUPERVISOR T. Kwasnoski

DATE RELEASED June 29, 1960

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

Distribution
H. F. Henry
E. C. Bollinger
W. C. Hartman
C. H. Mahoney
H.G.P. Snyder
T.C. Whitson (RC)

REPORT NO. [illegible]57

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 422 W | 5/10/60 | A Loop | 0 | | | | |
| 423 W | " | B Loop | 0 | | | | |
| 424 W | " | C Loop | 0 | | | | |
| 425 W | " | E Loop | 0 | | | | |
| 426 W | " | G Loop | 0 | | | | |

JUL 1 1960

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

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# REPORT OF WATER ANALYSES

Distribution
H. F. Henry
E. C. Bollinger
W. C. Hartman

REPORT NO. 256

~~Distribution:~~
C. H. Mahoney
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 60 M | December Composite | CW-4 | 4 | | | | |
| 61 M | " | CW-5 | 5 | | | | |
| 62 M | " | CW-6 | 2 | | | | |
| 3 M | January Composite | CW-4 | 0 | | | | |
| 4 M | " | CW-5 | 0 | | | | |
| 5 M | " | CW-6 | 0 | | | | |
| 8 M | February Composite | CW-4 | 0 | | | | |
| 9 M | " | CW-5 | 0 | | | | |
| 10 M | " | CW-6 | 0 | | | | |
| 13 M | March Composite | CW-4 | 0 | | | | |
| 14 M | " | CW-5 | 0 | | | | |
| 15 M | " | CW-6 | 0 | | | | |
| 19 M | April Composite | CW-4 | 0 | | | | |
| 20 M | " | CW-5 | 28 | | | | |
| 21 M | " | CW-6 | 2 | | | | |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laborator[illegible]rtment
Special Analysis [illegible]ion

SUPERVISOR T. Kwasnoski

DATE RELEASED June 29, 1960

# REPORT OF WATER ANALYSES

Distribution
H. F. Henry
E. C. Bollinger C. H. Mahoney T.C. Whitson
W. C. Hartman H.G.P. Snyder (RC)

REPORT NO. 25

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 921 W | 12/12/59 | CW-7 (K-901) | 4 | | | | |
| 945 W | 12/19/59 | " | 2 | | | | |
| 957 W | 12/26/59 | " | 4 | | | | |
| 6 W | 1/2/60 | " | 5 | | | | |
| 34 W | 1/9/60 | " | 20 | | | | |
| 55 W | 1/16/60 | " | 4 | | | | |
| 67 W | 1/23/60 | " | 0 | | | | |
| 75 W | 1/30/60 | " | 0 | | | | |
| 87 W | 2/6/60 | " | 0 | | | | |
| 115 W | 2/13/60 | " | 9 | | | | |
| 123 W | 2/20/60 | " | 10 | | | | |
| 147 W | 2/27/60 | " | 22 | | | | |
| 167 W | 3/5/60 | " | 7 | | | | |
| 188 W | 3/12/60 | " | 0 | | | | |
| 212 W | 3/19/60 | " | 4 | | | | |
| 233 W | 3/26/60 | " | 0 | | | | |
| 250 W | 4/2/60 | " | 8 | | | | |

JUL 1 1960

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T. Kwasnoski

DATE RELEASED June 29, 1960

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

REPORT NO.
Distribution:

# REPORT OF WATER ANALYSES

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 258 W | 4/9/60 | CW-7 (K-901) | 16 | | | | |
| 324 W | 4/16/60 | " " | 8 | | | | |
| 352 W | 4/23/60 | " " | 4 | | | | |
| 380 W | 4/30/60 | " " | 10 | | | | |
| 405 W | 5/7/60 | " " | 0 | | | | |
| 442 W | 5/14/60 | " " | 0 | | | | |
| 459 W | 5/21/60 | " " | 0 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RG~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR

DATE RELEASED

# REPORT OF WATER ANALYSES

Distribution
H. F. Henry
E. C. Bollinger
W. C. Hartman
C. H. Mahoney
H.G.P. Snyder
T.C. Whitson
( RC )

REPORT NO. 254

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 916 W | 12/12/59 | CW-1 | 10 | | | | |
| 940 W | 12/19/59 | " | 20 | | | | |
| 952 W | 12/26/59 | " | 44 | | | | |
| 1 W | 1/2/60 | " | 44 | | | | |
| 29 W | 1/9/60 | " | 39 | | | | |
| 50 W | 1/16/60 | " | 0 | | | | |
| 62 W | 1/23/60 | " | 34 | | | | |
| 70 W | 1/30/60 | " | 2 | | | | |
| 82 W | 2/6/60 | " | 39 | | | | |
| 110 W | 2/13/60 | " | 2 | | | | |
| 118 W | 2/20/60 | " | 2 | | | | |
| 142 W | 2/27/60 | " | 14 | | | | |
| 162 W | 3/5/60 | " | 10 | | | | |
| 183 W | 3/12/60 | " | 32 | | | | |
| 207 W | 3/19/60 | " | 20 | | | | |
| 227 W | 3/26/60 | " | 4 | | | | |
| 245 W | 4/2/60 | " | 20 | | | | |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

T. Kwasnoski

SUPERVISOR T. Kwasnoski

DATE RELEASED June 29, 1960

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 2 Page 2
Distribution:

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 253 W | 4/9/60 | CW-1 | 46 | | | | |
| 319 W | 4/16/60 | " | 0 | | | | |
| 347 W | 4/23/60 | " | 0 | | | | |
| 375 W | 4/30/60 | " | 18 | | | | |
| 399 W | 5/7/60 | " | 32 | | | | |
| 437 W | 5/14/60 | " | 40 | | | | |
| 454 W | 5/21/60 | " | 8 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Central Files K25RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR _____ DATE RELEASED _____

# REPORT OF WATER ANALYSES

REPORT NO. [redacted]253

Distribution:

H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 399 W | 5/7/60 | CW-1 | 79 | 0.6 | 7.2 | | 14 |
| 400 W | " | CW-2 | 18 | | 7.4 | | 33 |
| 401 W | " | CW-3 | 5 | 0.0 | 8.0 | | 53 |
| 402 W | " | CW-4 | 3 | 0.0 | 8.1 | 0 | 128 |
| 403 W | " | CW-5 | 1 | | 8.2 | 0 | 116 |
| 404 W | " | CW-6 | | 0.2 | 7.6 | 1 | 103 |
| 405 W | " | CW-7 | 0 | | 8.0 | 1 | 190 |
| 406 W | " | DW-1 | 0 | | 7.5 | 0 | 110 |
| 407 W | " | DW-3 | 3 | | 7.6 | 1 | 103 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuwanobi

DATE RELEASED May 26, 1960

REPORT NO. 52

# REPORT OF WATER ANALYSES

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 383 W | 4/29/60 | Clinch River at Scarboro Gauging Sta. | 2 | | 8.8 | 0 | 0 |
| 384 W | " | Clinch River at Emory Valley | <1 | | 8.7 | 0 | 4 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Works Laboratory [illegible]rtment
Special Analysis [illegible]on

SUPERVISOR T. Kwasnoski

DATE RELEASED May 26, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 251

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 375 W | 4/30/60 | CW-1 | 49 | 0.6 | 7.3 | | 11 |
| 376 W | " | CW-3 | 9 | 0.0 | 7.7 | 1 | 166 |
| 377 W | " | CW-4 | 2 | 0.0 | 8.2 | 1 | 102 |
| 378 W | " | CW-5 | <1 | | 8.2 | | 56 |
| 379 W | " | CW-6 | | 0.2 | 7.7 | | 53 |
| 380 W | " | CW-7 | 2 | | 8.2 | | 46 |
| 381 W | " | DW-1 | <1 | | 7.9 | 0 | 66 |
| 382 W | " | DW-3 | 5 | | 7.8 | 1 | 139 |
| 17 M | April Composite | CW-1 | | | | 6 | |
| 18 M | " | CW-3 | | | | 1 | |
| 19 M | " | CW-4 | | | | 1 | |
| 20 M | " | CW-5 | | | | 0 | |
| 21 M | " | CW-6 | <1 | | | 1 | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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WCX-1012 (8-55)
Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 50

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 347 W | 4/23/60 | CW-1 | 54 | 0.0 | 7.7 | | 10 |
| 348 W | " | CW-3 | 13 | 0.0 | 7.9 | | 32 |
| 349 W | " | CW-4 | 11 | 0.0 | 7.6 | | 69 |
| 350 W | " | CW-5 | <1 | | 8.2 | | 59 |
| 351 W | " | CW-6 | | 0.0 | 7.7 | | 81 |
| 352 W | " | CW-7 | 1 | | 8.1 | 1 | 142 |
| 353 W | " | DW-1 | 0 | | 7.6 | 1 | 48 |
| 354 W | " | DW-3 | 8 | | 7.9 | 1 | 92 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Works Laboratory [redacted]rtment
Special Analysis [redacted]on

SUPERVISOR T. Kuroda

DATE RELEASED May 26, 1960

# REPORT OF WATER ANALYSES

REPORT NO. [redacted]49

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 338 W | 4/20/60 | Poplar Creek (10' Below K-1131 Drain) | 13 | 3.7 | 7.3 | 1 | 181 |
| 339 W | " | K-1410 Drain to Poplar Creek | 2709 | 412 | 7.1 | 72 | 14,750 |
| 340 W | " | K-1131 Drain to Poplar Creek (Sample at out-fall onto rocky bank) | 13 | 4.8 | 7.3 | 0 | 189 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
~~Laboratory Control Files RC~~
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuwasaki

DATE RELEASED May 26, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 48

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 327 W | 4/18/60 | K-1407 Drain | 4 | 0.4 | 7.8 | 1 | 76 |
| 328 W | " | K-1407-B Holding Pond Effluent | 171 | 2.7 | 6.8 | 33 | 126 |
| 329 W | " | K-1420 Acid Drain Lines, Composite | 1062 | 1.9 | 2.2 | 200 | 848 |
| | " | K-1420 Floor Drain | 2 | 0.0 | 7.5 | 0 | 115 |
| 331 W | " | Stagnant Pond (SW-K-1001) Sr 90 | 7 | 0.1 | 8.7 | 1 | 48 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuranoski

DATE RELEASED May 26, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 7

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 319 W | 4/16/60 | CW-1 | 185 | 1.5 | 7.2 | | 47 |
| 320 W | " | CW-3 | 5 | 0.1 | 7.6 | 2 | 115 |
| 321 W | " | CW-4 | 4 | 0.4 | 8.5 | | 17 |
| 322 W | " | CW-5 | 17 | | 7.8 | 0 | 106 |
| 323 W | " | CW-6 | | 1.1 | 7.5 | 0 | 161 |
| 324 W | " | K-901 | 4 | | 8.2 | 0 | 108 |
| 325 W | " | DW-1 | 1 | | 7.5 | 1 | 139 |
| 326 W | " | DW-3 | 7 | | 8.0 | 1 | 153 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Special Analysis Section

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# REPORT OF WATER ANALYSES

REPORT NO. 246

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 311 W | 4/14/60 | HPX-10-W (Water) | 1 | | | 1 | 3 |
| 312 W | " | HPX-11-W " | 39 | | | 5 | 10 |
| 313 W | " | HPX-13-W " | 1 | | | 1 | 3 |
| 314 W | " | HPX-14-W " | 0 | | | 0 | 1 |
| 315 W | " | HPX-15-W " | 3 | | | 1 | 9 |
| 316 W | " | HPX-16-W " | 0 | | | 0 | 0 |
| 317 W | " | HPX-17-W " | 1 | | | 0 | 0 |
| 318 W | " | HPX-18-W " | 0 | | | 1 | 10 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasowski

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# REPORT OF WATER ANALYSES

REPORT NO. 5

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder
T. C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 245 W | 4/2/60 | CW-1 | 45 | 0.0 | 6.9 | | 20 |
| 246 W | " | CW-3 | 7 | 0.5 | 7.1 | 1 | 381 |
| 247 W | " | CW-4 | 4 | 0.0 | 7.0 | 1 | 460 |
| 248 W | " | CW-5 | 2 | | 7.0 | 0 | 550 |
| 249 W | " | CW-6 | | 0.0 | 6.9 | 1 | 367 |
| 250 W | " | CW-7 | 3 | | 7.2 | 1 | 255 |
| 251 W | " | DW-1 | 1 | | 7.0 | 0 | 786 |
| 252 W | " | DW-3 | 2 | | 7.2 | 0 | 469 |
| 253 W | 4/9/60 | CW-1 | 34 | 0.7 | 7.3 | | 9 |
| 254 W | " | CW-3 | 5 | 0.1 | 7.3 | 0 | 122 |
| 255 W | " | CW-4 | 4 | 0.0 | 7.9 | 0 | 107 |
| 256 W | " | CW-5 | 1 | | 8.0 | 0 | 590 |
| 257 W | " | CW-6 | | 0.0 | 7.6 | 2 | 819 |
| 258 W | " | CW-7 | 4 | | 8.0 | | 91 |
| 259 W | " | DW-1 | 1 | | 7.2 | 0 | 448 |
| 260 W | " | DW-3 | 2 | | 7.3 | 1 | 230 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Special Analysis Section

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# REPORT OF WATER ANALYSES

REPORT NO. 4

Distribution:
H.F. Henry
E.C. Bollinger
W. C. Hartman
H.G. P. Snyder
T.C. Whitson (RC)

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 11 M | March Composite | CW-1 | | | | 5 | |
| 12 M | " | CW-3 | | | | 1 | |
| 13 M | " | CW-4 | | | | 0 | |
| 14 M | " | CW-5 | | | | 0 | |
| 15 M | " | CW-6 | 1 | | | 0 | |
| 16 M | 3/28/60 1 sample | CW-2 | | | | 3 | |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

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# REPORT OF WATER ANALYSES

REPORT NO. [illegible]3

Distribution:

H. F. Henry  W. C. Hartman
E. C. Bollinger  H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 236 W | 3/28/60 | No. 7 (No Rain) | | | | | |
| 237 W | " | No. 11 " | | | | | |
| 238 W | " | No. 12 " | | | | | |
| 239 W | " | No. 13 " | | | | | |
| 240 W | " | No. 14 " | | | | | |
| 241 W | " | No. 15 " | | | | | |
| 242 W | " | No. 15 " | | | | | |
| 243 W | " | No. 16 " | | | | | |
| 244 W | " | No. 17 " | | | | | |
| | | | | | | | |
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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:

H. F. Henry W. C. Hartman
E. C. Bollinger H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 227 W | 3/26/60 | CW-1 | 59 | 0 | 6.3 | | 87 |
| 228 W | " | CW-2 K-1131 Drainage | 21 | | 6.7 | | Lost |
| 229 W | " | CW-3 | 8 | 0 | 6.8 | | 266 |
| 230 W | " | CW-4 | 4 | 0 | 7.0 | | 57 |
| 231 W | " | CW-5 | 4 | | 7.2 | | 367 |
| 232 W | " | CW-6 | | 0 | 7.1 | | 600 |
| 233 W | " | K-901 | 2 | | 7.3 | | 96 |
| 234 W | " | DW-1 | <1 | | 7.3 | | 142 |
| 235 W | " | DW-3 | 1 | | 7.3 | | 184 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis [illegible]tion

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DATE RELEASED 4/14/60

# REPORT OF WATER ANALYSES

REPORT NO. 1

Distribution:
H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 207 W | 3/19/60 | CW-1 | 29 | 0 | 6.9 | | 17 |
| 208 W | " | CW-3 | 10 | 0 | 7.0 | | 80 |
| 209 W | " | CW-4 | 3 | 0 | 7.3 | 0 | 383 |
| 210 W | " | CW-5 | 0 | | 7.6 | 0 | 638 |
| 211 W | " | CW-6 | | 0 | 7.4 | 0 | 520 |
| 212 W | " | K-901 | 3 | | 7.6 | 0 | 201 |
| 213 W | " | DW-1 | <1 | | 7.1 | 0 | 885 |
| 214 W | " | DW-3 | 14 | | 7.3 | 1 | 291 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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DATE RELEASED 4/14/60

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# REPORT OF WATER ANALYSES

REPORT NO.

Distribution:

N. B. Schultz
A. F. Becher

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 191 W | 3/16/60 | K-1515 Raw Water (B) 8 AM | | | | | 1692 |
| 192 W | " | K-1515 Raw Water (B) 4:30 PM | | | | | 2594 |
| 193 W | " | K-1515 Raw Water (B) 10:30 PM | | | | | 907 |
| 194 W | " | K-1515 Raw Water (B) 6:30 PM | | | | | 2408 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Special Analysis [illegible]tion

SU[illegible]VISOR T Kwasnoski

DATE RELEASED 4/14/60

# REPORT OF WATER ANALYSES

REPORT NO. 40

Distribution:

E. C. Bollinger H. F. Henry
W. C. Hartman H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 183 W | 3/12/60 | CW-1 | 75 | 0.2 | 7.7 | | 52 |
| 184 W | " | CW-3 | 10 | 0.3 | 9.3 | 2 | 178 |
| 185 W | " | CW-4 | 6 | 0.2 | 7.8 | 2 | 217 |
| 186 W | " | CW-5 | <1 | | 8.0 | 1 | 301 |
| 187 W | " | CW-6 | | 0.0 | 7.4 | 0 | 335 |
| 188 W | " | K-901 | 10 | | 8.0 | 1 | 218 |
| 189 W | " | DW-1 | <1 | | 7.3 | 0 | 208 |
| 190 W | " | DW-3 | 4 | | 7.3 | 1 | 202 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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DATE RELEASED March 23, 1960

# REPORT OF WATER ANALYSES

REPORT NO. JW
Distribution:
N. B. Schultz

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 174 W | 3/9/60 | Melted Snow - K-1001 | 2 | | 7.3 | | 15 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Special Analysis [illegible]ction

SU[illegible]RVISOR [illegible]

DATE RELEASED March 24, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 39

Distribution:

E. C. Bollinger H. F. Henry
W. C. Hartman H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 162 W | 3/5/60 | CW-1 | 71 | 0.5 | 7.4 | | 26 |
| 163 W | " | CW-3 | 7 | 0.0 | 7.6 | 1 | 287 |
| 164 W | " | CW-4 | 2 | 0.0 | 7.7 | 1 | 846 |
| 165 W | " | CW-5 | 0 | | 7.6 | 0 | 273 |
| 166 W | " | CW-6 | | 0.0 | 7.4 | 0 | 267 |
| 167 W | " | CW-7 | 2 | | 7.1 | 1 | 214 |
| 168 W | " | DW-1 | <1 | | 7.1 | 0 | 858 |
| 169 W | " | DW-3 | <1 | | 7.4 | 0 | 358 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuroosaki

DATE RELEASED March 23, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 28

Distribution:

E. C. Bollinger H. F. Henry
W. C. Hartman H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 142 W | 2/27/60 | CW-1 | 80 | 1.0 | 7.1 | | 49 |
| 143 W | " | CW-3 | 4 | 0.4 | 7.3 | 1 | 113 |
| 144 W | " | CW-4 | 3 | 0.2 | 7.6 | 0 | 145 |
| 145 W | " | CW-5 | 0 | | 7.9 | 0 | 266 |
| 146 W | " | CW-6 | | 1.6 | 6.7 | 0 | 337 |
| 147 W | " | CW-7 (K-901) | 2 | | 7.5 | 0 | 103 |
| 148 W | " | DW-1 | 0 | | 6.8 | 0 | 132 |
| 149 W | " | DW-3 | 1 | | 7.5 | 0 | 162 |
| | | | | | | | |
| 6 M | February Composite | CW-1 | | | | 7 | |
| 7 M | " | CW-3 | | | | 1 | |
| 8 M | " | CW-4 | | | | 1 | |
| 9 M | " | CW-5 | | | | 2 | |
| 10 M | " | CW-6 | 0 | | | 1 | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SU[illegible]RVISOR T. Kuwasaki

DATE RELEASED March 23, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 237

Distribution:

E. C. Bollinger H. F. Henry
W. C. Hartman H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 118 W | 2/20/60 | CW-1 | 23 | 0.4 | 6.6 | | 17 |
| 119 W | 2/20/60 | CW-3 | 6 | 0.0 | 6.6 | 1 | 246 |
| 120 W | 2/20/60 | CW-4 | 5 | 0.1 | 6.9 | 1 | 412 |
| 121 W | 2/20/60 | CW-5 | 2 | | 7.7 | 0 | 584 |
| 122 W | 2/20/60 | CW-6 | | 0.2 | 6.9 | 0 | 377 |
| 123 W | 2/20/60 | CW-7 | 5 | | 7.3 | 1 | 253 |
| 124 W | 2/20/60 | DW-1 | 1 | | 6.8 | 0 | 1051 |
| 125 W | 2/20/60 | DW-3 | 3 | | 7.1 | 1 | 473 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusumoto

DATE RELEASED March 23, 1960

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO.

Distribution:

N. B. Schultz
A. F. Becher

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~xxx~~ppm. | FLUORIDES ppm. | pH | Counts per min/~~100xxx~~ml. gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| HPX-407-V | 12/9/59 | 50 Ft. east of K-312-3 | 50 | 502 | | 370 | 165 |
| HPX-408-V | " | 50 Ft. west of K-312-3 | 104 | 162 | | 129 | 337 |
| HPX-409-V | " | 50 Ft. north of K-303-9 | 12 | 83 | | 14 | 97 |
| HPX-410-V | " | 50 Ft. east of K-1206-F (New Water Tank) | 15 | 322 | | 15 | 111 |
| HPX-412-V | " | 20 Ft. north of K-1028-47 (Powerhouse Portal) | 2 | 156 | | 2 | 54 |
| | | Results are reported on a moisture free basis. | | | | | |
| | | | | % Moisture | | | |
| HPX-407-V | | | | 57.2 | | | |
| HPX-408-V | | | | 51.6 | | | |
| HPX-409-V | | | | 60.2 | | | |
| HPX-410-V | | | | 73.0 | | | |
| HPX-411-V | | | | 54.7 | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SU[illegible]RVISOR T. Kuwanoshi

DATE RELEASED March 22, 1960

# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. _____

Distribution:

N. B. Schultz
A. F. Becher

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| HPX-407-S | 12/9/59 | | 60 | | | 280 | 271 |
| HPX-408-S | " | | 72 | | | 105 | 378 |
| HPX-409-S | " | | 40 | | | 37 | 206 |
| HPX-410-S | " | | 16 | | | 26 | 164 |
| HPX-411-S | " | | 14 | | | 14 | 195 |
| | | Results are reported on moisture free basis. | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED March 22, 1960

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# REPORT OF ~~WATER~~ ANALYSES

REPORT NO.

Distribution:

N. B. Schultz
A. F. Becher

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| HPX-407-S | 12/9/59 | | 60 | | | 280 | 271 |
| HPX-408-S | " | | 72 | | | 105 | 378 |
| HPX-409-S | " | | 40 | | | 37 | 206 |
| HPX-410-S | " | | 16 | | | 26 | 164 |
| HPX-411-S | " | | 14 | | | 14 | 195 |
| | | Results are reported on moisture free basis. | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]les K25RC
Works Laborator[illegible]rtment
Special Analysis [illegible]ion

SUPERVISOR T. Kwiecinski

DATE RELEASED March 22, 1960

V[illegible]ATION

# REPORT OF ~~WATER~~ ANALYSES

REPORT NO. [illegible]

Distribution:
N. B. Schultz
A. F. Becher

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppm.~~ ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| HPX-407-V | 12/9/59 | 50 Ft. east of K-312-3 | 50 | 502 | | 370 | 165 |
| HPX-408-V | " | 50 Ft. west of K-312-3 | 104 | 162 | | 129 | 337 |
| HPX-409-V | " | 50 Ft. north of K-303-9 | 12 | 83 | | 14 | 97 |
| HPX-410-V | " | 50 Ft. east of K-1206-F (New Water Tank) | 15 | 322 | | 15 | 111 |
| HPX-412-V | " | 20 Ft. north of K-1028-47 (Powerhouse Portal) | 2 | 156 | | 2 | 54 |
| | | | | | | | |
| | | Results are reported on a moisture free basis. | | | | | |
| | | | | % Moisture | | | |
| HPX-407-V | | | | 57.2 | | | |
| HPX-408-V | | | | 51.6 | | | |
| HPX-409-V | | | | 60.2 | | | |
| HPX-410-V | | | | 73.0 | | | |
| HPX-411-V | | | | 54.7 | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuzmowski

DATE RELEASED March 22, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 6

Distribution:

H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 110 W | 2/13/60 | CW-1 | 41 | 0.2 | 6.0 | | 41 |
| 111 W | " | CW-3 | 3 | 0.0 | 6.2 | 1 | 167 |
| 112 W | " | CW-4 | 2 | 0.3 | 6.4 | 1 | 220 |
| 113 W | " | CW-5 | 0 | | 6.1 | 0 | 524 |
| 114 W | " | CW-6 | | 0.0 | 6.9 | 0 | 529 |
| 115 W | " | CW-7 | 5 | | 6.6 | 0 | 230 |
| 116 W | " | DW-1 | 0 | | 5.8 | 1 | 347 |
| 117 W | " | DW-3 | 9 | | 6.3 | 1 | 198 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]les K25RC
Works Laborato[illegible]artment
Special Analysis [illegible]ction

SU[illegible]RVISOR T. Kwasnoski

DATE RELEASED March 22, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 35

Distribution:
H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 82 W | 2/6/60 | CW-1 | 82 | 0.6 | 5.9 | 15 | 503 |
| 83 W | " | CW-3 | 14 | 0.3 | 6.1 | 2 | 160 |
| 84 W | " | CW-4 | 7 | 0.2 | 6.2 | 2 | 151 |
| 85 W | " | CW-5 | 1 | | 6.7 | 1 | 468 |
| 86 W | " | CW-6 | | 0.2 | 6.5 | 0 | 427 |
| 87 W | " | CW-7 | 7 | | 6.5 | 2 | 193 |
| 88 W | " | DW-1 | 0 | | 6.2 | 0 | 309 |
| 89 W | " | DW-3 | 1 | | 6.4 | 1 | 249 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T Kwasnoski

DATE RELEASED February 25, 1960

REPORT NO. 4

# REPORT OF WATER ANALYSES

Distribution:

H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 70 W | 1/30/60 | CW-1 | 63 | 1.0 | 6.9 | | 28 |
| 71 W | " | CW-3 | 5 | 0.4 | 7.0 | | 74 |
| 72 W | " | CW-4 | 1 | 0.2 | 7.0 | 0 | 606 |
| 73 W | " | CW-5 | 1 | | 7.3 | 0 | 217 |
| 74 W | " | CW-6 | | 0.2 | 7.3 | 0 | 145 |
| 75 W | " | CW-7 | 1 | | 7.3 | 1 | 454 |
| 76 W | " | DW-1 | 1 | | 7.2 | 0 | 349 |
| 77 W | " | DW-3 | 3 | | 6.9 | 0 | 367 |
| | | | | | | | |
| 1 M | January Composite | CW-1 | | | | 6 | |
| 2 M | " | CW-3 | | | | 1 | |
| 3 M | " | CW-4 | | | | 0 | |
| 4 M | " | CW-5 | | | | 0 | |
| 5 M | " | CW-6 | 2 | | | 0 | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]es K25RC
Works Laborator[illegible]artment
Special Analysis Section

SU[illegible]VISOR T. Kwasnoski

DATE RELEASED Febr[illegible]y 25, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 3

Distribution:
H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 62 W | 1/23/60 | CW-1 | 100 | 1.4 | 6.8 | | 42 |
| 63 W | " | CW-3 | 5 | 0.8 | 7.2 | | 68 |
| 64 W | " | CW-4 | 1 | 0.6 | 7.3 | | 71 |
| 65 W | " | CW-5 | < 1 | | 7.5 | 0 | 272 |
| 66 W | " | CW-6 | | 0.4 | 7.5 | 0 | 243 |
| 67 W | " | K-901 | 3 | | 7.5 | | 99 |
| 68 W | " | DW-1 | 1 | | 6.9 | 0 | 116 |
| 69 W | " | DW-3 | 1 | | 7.2 | 1 | 174 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuwanoshi

DATE RELEASED February 25, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 50 W | 1/16/60 | CW-1 | 82 | 0.5 | 7.1 | | 72 |
| 51 W | " | CW-3 | 6 | 0.2 | 7.3 | 2 | 144 |
| 52 W | " | CW-4 | <1 | 0.1 | 7.6 | 0 | 225 |
| 53 W | " | CW-5 | 5 | | 7.9 | 1 | 244 |
| 54 W | " | CW-6 | | 0.0 | 7.3 | 0 | 339 |
| 55 W | " | K-901 | 3 | | 7.6 | 0 | 361 |
| 56 W | " | DW-1 | 2 | | 7.2 | 0 | 199 |
| 57 W | " | DW-3 | 5 | | 7.3 | 0 | 343 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[redacted]es K25RC
Works Laborator[redacted]rtment
Special Analysis Section

SU[redacted]VISOR T. Kuroda

DATE RELEASED February 25, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 231

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM-20 | 11/28/59 | MM-1 | 98 | | | 160 | 470 |
| MM-21 | " | MM-2 | 124 | | | 247 | 512 |
| MM-22 | " | MM-3 | 18 | | | 21 | 422 |
| MM-23 | " | MM-4 | 6 | | | 36 | 1395 |
| MM-24 | " | MM-5 | 21 | | | 47 | 183 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuroosoki

DATE RELEASED February 25, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 30

Distribution:
H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 29 W | 1/9/60 | CW-1 | 41 | 0.2 | 6.8 | | 21 |
| 30 W | " | CW-3 | 4 | 0.0 | 6.9 | 2 | 235 |
| 31 W | " | CW-4 | <1 | 0.0 | 7.2 | 0 | 436 |
| 32 W | " | CW-5 | <1 | | 7.4 | 0 | 451 |
| 33 W | " | CW-6 | | 0.0 | 7.1 | 1 | 303 |
| 34 W | " | CW-7 | 2 | | 7.4 | 1 | 208 |
| 35 W | " | DW-1 | 0 | | 6.8 | 1 | 406 |
| 36 W | " | DW-3 | 1 | | 7.1 | 1 | 364 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]les K25RC
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Special Analysis [illegible]ion

SU[illegible]RVISOR T Kwasnoski

DATE RELEASED January 22, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 28

Distribution:

H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1 W | 1/2/60 | CW-1 | 77 | 0.8 | 7.3 | | 73 |
| 2 W | " | CW-3 | 5 | 0.1 | 7.4 | | 62 |
| 3 W | " | CW-4 | 2 | 0.3 | 7.6 | | 86 |
| 4 W | " | CW-5 | 2 | | 7.7 | 7 | 218 |
| 5 W | " | CW-6 | | 0.2 | 7.5 | 3 | 217 |
| 6 W | " | CW-7 | <1 | | 7.7 | 0 | 121 |
| 7 W | " | DW-1 | 0 | | 7.4 | 4 | 400 |
| 8 W | " | DW-3 | 2 | | 7.5 | 3 | 175 |
| 9 W | 1/6/60 | K-1001 Melted Snow | 2 | 0.0 | 4.9 | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

RECEIVED FEB 1 1960 SAFEGUARDS AND RADIOLOGICAL CONTROL

SUPERVISOR T. Kwanoshi

DATE RELEASED January 22, 1960

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 226

Distribution:
H.F. Henry W.C. Hartman
E.C. Bollinger H.G.F. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 940 W | 12/19/59 | CW-1 | 88 | 0.4 | 7.4 | | 67 |
| 941 W | " | CW-3 | 16 | 0.4 | 7.5 | | 77 |
| 942 W | " | CW-4 | 6 | 0.0 | 7.5 | 14 | 853 |
| 943 W | " | CW-5 | 1 | | 7.7 | | 1047 |
| 944 W | " | CW-6 | | 0.2 | 7.6 | 1 | 339 |
| 945 W | " | CW-7 | 15 | | 7.6 | 2 | 339 |
| 946 W | " | DW-1 | <1 | | 7.2 | 0 | 145 |
| 947 W | " | DW-3 | 2 | | 7.3 | 0 | 215 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[redacted]es K25RC
Works Laboratory [redacted]rtment
Special Analysis [redacted]ion

SU[redacted]VISOR T. Kuroosaki

DATE RELEASED January 22, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 225

Distribution:

H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 952 W | 12/26/59 | CW-1 | 79 | 0.8 | 7.7 | | 33 |
| 953 W | " | CW-3 | 4 | 0.2 | 7.7 | | 92 |
| 954 W | " | CW-4 | <1 | 0.0 | 7.9 | | 59 |
| 955 W | " | CW-5 | 2 | | 8.1 | | 301 |
| 956 W | " | CW-6 | | 0.2 | 7.9 | | 266 |
| 957 W | " | CW-7 (K-901) | 2 | | 7.7 | | 58 |
| 958 W | " | DW-1 | 1 | | 7.4 | | 88 |
| 959 W | " | DW-3 | <1 | | 7.5 | 0 | 141 |
| | | | | | | | |
| 59 M | December Composite | CW-1 | | | | 24 | |
| 60 M | " | CW-3 | | | | 3 | |
| 61 M | " | CW-4 | | | | 2 | |
| 62 M | " | CW-5 | | | | 1 | |
| 63 M | " | CW-6 | 1 | | | 2 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

RECEIVED FEB 1 1960 SAFETY, FIRE, RADIATION CONT.

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED January 22, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 24

Distribution:

H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 916 W | 12/12/59 | CW-1 | 210 | 1.9 | 7.2 | | 124 |
| 917 W | " | CW-3 | 35 | 0.8 | 7.2 | | 104 |
| 918 W | " | CW-4 | 2 | 0.2 | 7.6 | 36 | 150 |
| 919 W | " | CW-5 | 1 | | 7.9 | | 111 |
| 920 W | " | CW-6 | | 0.0 | 7.3 | | 124 |
| 921 W | " | CW-7 | 2 | | 7.7 | 1 | 170 |
| 922 W | " | DW-1 | 0 | | 7.2 | 0 | 45 |
| 923 W | " | DW-3 | 6 | | 7.4 | 1 | 20 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]les K25RC
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Special Analysis [illegible]ction

SU[illegible]RVISOR T Kwosnoski

DATE RELEASED January 22, 1960

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]23

Distribution:

H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ~~ppb.~~ ppm | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| M-15 | 8/22/59 | Poplar Creek | 5 | | | 107 | 328 |
| M-16 | " | At K-1300 | 23 | | | 1088 | 1064 |
| M-17 | " | Poplar Creek and Clinch River | 35 | | | 36 | 470 |
| M-18 | " | Clinch River | 4 | | | 10 | 541 |
| M-19 | " | K-1131 | 7 | | | 88 | 242 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T Kusonoki

DATE RELEASED January 22, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 20

Distribution:
H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 900 W | 12/4/59 | 11:00 PM K-1515, Sanitary Water Plant | 0 | | | 2 | 575 |
| 901 W | 12/5/59 | 7:00 AM " " " " | 2 | | | 0 | 103 |
| 902 W | " | 3:00 PM " " " " | 0 | | | 0 | 65 |
| 903 W | " | 11:00 PM " " " " | <1 | | | 1 | 68 |
| 904 W | 12/6/59 | 7:00 AM " " " " | 0 | | | 0 | 62 |
| 905 W | " | 3:00 PM " " " " | 1 | | | 0 | 82 |
| 906 W | " | 11:00 PM " " " " | 1 | | | 0 | 202 |
| 907 W | 12/7/59 | 7:00 AM " " " " | 0 | | | 0 | 312 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[redacted]les K25RC
Works Laborator[redacted]rtment
Special Analysis [redacted]ction

SU[redacted]VISOR T. Kwanoski

DATE RELEASED January 27, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 24

Distribution:

H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 803 W | 11/7/59 | CW-1 | 122 | 2.9 | 7.2 | | 37 |
| 804 W | " | CW-3 | 9 | 0.6 | 7.5 | | 40 |
| 805 W | " | CW-4 | 5 | 0.3 | 7.6 | 0 | 176 |
| 806 W | " | CW-5 | 4 | | 8.1 | 3 | 245 |
| 807 W | " | CW-6 | | 0.0 | 7.4 | 0 | 60 |
| 808 W | " | K-901 | 6 | | 7.8 | 1 | 116 |
| 809 W | " | DW-1 | 0 | | 7.3 | 2 | 117 |
| 810 W | " | DW-3 | 4 | | 7.2 | 1 | 112 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuwooki

DATE RELEASED January 27, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:

H.F. Henry
E.C. Bollinger
C.H. Mahoney
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~MXXMUM~~ Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 892 W | 12/5/59 | CW-1 | 8 | | | | |
| 897 W | " | K-901 | 0 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]les K25RC
Works Laborator[illegible]rtment
Special Analysis [illegible]ction

SU[illegible]VISOR T. Kusonoki

DATE RELEASED January 13, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 21

Distribution:

H.F. Henry
E.C. Bollinger
C.H. Mahoney
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~XXXXXXX~~ Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 838 W | 11/14/59 | CW-1 | 8 | | | | |
| 843 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 861 W | 11/21/59 | CW-1 | 20 | | | | |
| 866 W | " | CW-7 | 4 | | | | |
| | | | | | | | |
| 880 W | 11/28/59 | CW-1 | 12 | | | | |
| 885 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 55 M | November Composite | CW-4 | 15 | | | | |
| 56 M | " | CW-5 | 2 | | | | |
| 57 M | " | CW-6 | 10 | | | | |

RECEIVED JAN 14 1960 RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED January 13, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 19

Distribution:

H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 892 W | 12/5/59 | CW-1 | 139 | 1.4 | 7.6 | | 21 |
| 893 W | " | CW-3 | 30 | 0.1 | 7.6 | 4 | 242 |
| 894 W | " | CW-4 | 5 | 0.8 | 7.6 | 3 | 358 |
| 895 W | " | CW-5 | < 1 | | 8.0 | 0 | 555 |
| 896 W | " | CW-6 | | 0.6 | 7.4 | 0 | 463 |
| 897 W | " | K-901 | 2 | | 7.7 | 1 | 151 |
| 898 W | " | DW-1 | 2 | | 7.2 | 1 | 514 |
| 899 W | " | DW-3 | 12 | | 7.4 | 22 | 428 |

JAN 12 1960 ... AND PHYSICS

RECEIVED JAN 11 1960 SAFETY, AND RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]les K25RC
Works Laborator[illegible]rtment
Special Analysis [illegible]ion

SU[illegible]RVISOR T. Kwaowski

DATE RELEASED January 7, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 217

Distribution:

H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 880 W | 11/28/59 | CW-1 | 89 | 0.8 | 7.3 | | 37 |
| 881 W | " | CW-3 | 9 | 0.4 | 7.5 | | 63 |
| 882 W | " | CW-4 | 11 | 0.4 | 7.7 | 2 | 1958 |
| 883 W | " | CW-5 | 1 | | 8.2 | 2 | 154 |
| 884 W | " | CW-6 | | 0.2 | 7.6 | 1 | 141 |
| 885 W | " | CW-7 | 6 | | 7.8 | 2 | 1118 |
| 886 W | " | DW-1 | 1 | | 7.3 | 0 | 160 |
| 887 W | " | DW-3 | 4 | | 7.4 | 2 | 314 |
| | | | | | | | |
| 53 M | November Composite | CW-1 | | | | 13 | |
| 54 M | " | CW-3 | | | | 1 | |
| 55 M | " | CW-4 | | | | 1 | |
| 56 M | " | CW-5 | | | | 1 | |
| 57 M | " | CW-6 | | | | 1 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

JAN 12 1960

RECEIVED JAN 11 1960 RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED January 7, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 16

Distribution:

H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 861 W | 11/21/59 | CW-1 | 114 | 2.1 | 7.6 | | 28 |
| 862 W | " | CW-3 | 9 | 0.5 | 7.5 | | 83 |
| 863 W | " | CW-4 | 2 | 0.6 | 8.0 | | 57 |
| 864 W | " | CW-5 | 10 | | 8.1 | | 66 |
| 865 W | " | CW-6 | | 0.1 | 7.6 | | 55 |
| 866 W | " | CW-7 | < 1 | | 8.0 | | 55 |
| 867 W | " | DW-1 | 1 | | 7.2 | 2 | 75 |
| 868 W | " | DW-3 | 1 | | 7.6 | 2 | 62 |

JAN 12 1960
RECEIVED
JAN 11 1960
RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[redacted]les K25RC
Works Laborator[redacted]rtment
Special Analysis [redacted]ion

SU[redacted]RVISOR T. Kusovski

DATE RELEASED January 7, 1960

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]5

Distribution:
H.F. Henry — W.C. Hartman
E.C. Bollinger — H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 838 W | 11/14/59 | CW-1 | 239 | 2.0 | 7.3 | | 56 |
| 839 W | " | CW-3 | 5 | 0.0 | 7.8 | | 60 |
| 840 W | " | CW-4 | 1 | 0.1 | 7.9 | | 66 |
| 841 W | " | CW-5 | 2 | | 8.2 | | 54 |
| 842 W | " | CW-6 | | 0.0 | 7.5 | | 48 |
| 843 W | " | K-901 | 3 | | 8.1 | | 93 |
| 844 W | " | DW-1 | 8 | | 7.6 | 1 | 29 |
| 845 W | " | DW-3 | 5 | | 7.9 | 2 | 41 |

RECEIVED JAN 12 1960 SAFETY AND HEALTH PHYSICS

RECEIVED JAN 11 1960 SAFETY AND HEALTH PHYSICS

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuroroshi

DATE RELEASED January 7, 1960

# REPORT OF WATER ANALYSES

REPORT NO. 11

Distribution:
H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 795 W | 10/31/59 | CW-1 | 95 | 3.6 | 7.3 | | 24 |
| 796 W | " | CW-3 | 13 | 0.2 | 7.5 | | 7 |
| 797 W | " | CW-4 | 6 | 0.0 | 7.7 | | 22 |
| 798 W | " | CW-5 | 3 | | 8.2 | | 30 |
| 799 W | " | CW-6 | | 0.0 | 7.6 | | 28 |
| 800 W | " | CW-7 | 3 | | 7.7 | | 45 |
| 801 W | " | DW-1 | 5 | | 7.4 | | 20 |
| 802 W | " | DW-3 | 4 | | 7.6 | | 41 |
| | | | | | | | |
| 48 M | October Composite | CW-1 | | | | 10 | |
| 49 M | " | CW-3 | | | | 3 | |
| 50 M | " | CW-4 | | | | 2 | |
| 51 M | " | CW-5 | | | | 2 | |
| 52 M | " | CW-6 | 8 | | | 4 | |

RECEIVED DEC 1959 SAFETY & RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]les K25RC
Works Laborato[illegible]artment
Special Analysis Section

SU[illegible]RVISOR T. Kuwanoshi

DATE RELEASED December 2, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 12

Distribution:

H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 835 W | 11/13/59 | Sanitary Water, Composite K-303-7, K-303-8, K-802 | 7 | | 7.3 | 0 | 35 |
| 836 W | " | Sanitary Water, Composite K-892, K-862, K-832 | 5 | | 7.3 | 0 | 28 |
| 837 W | " | Sanitary Water, Composite K-1001, K-703, K-705 | 5 | | 7.3 | 0 | 38 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasowski

DATE RELEASED December 2, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 10

Distribution:
H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 782 W | 10/26/59 | Pond SW of K-1001 | 2 | 0.2 | 8.3 | | 9 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]es K25RC
Works Laboratory [illegible]rtment
Special Analysis [illegible]tion

SU[illegible]VISOR T. Kwasnoski

DATE RELEASED December 2, 1959

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]09

Distribution:

H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 774 W | 10/24/59 | CW-1 | 128 | 3.0 | 7.3 | | 35 |
| 775 W | " | CW-3 | 19 | 0.3 | 7.4 | | 20 |
| 776 W | " | CW-4 | 1 | 0.2 | 7.5 | | 4 |
| 777 W | " | CW-5 | 1 | | 8.0 | | 36 |
| 778 W | " | CW-6 | | 0.2 | 7.9 | | 58 |
| 779 W | " | CW-7 | 2 | | 7.9 | | 14 |
| 780 W | " | DW-1 | < 1 | | 7.6 | | 2 |
| 781 W | " | DW-3 | 10 | | 7.7 | | 13 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusunoki

DATE RELEASED December 2, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 08

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
C.H. Mahoney
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 803 W | 11/7/59 | CW-1 | 8 | | | | |
| 808 W | " | CW-7 | 4 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis [illegible]ction

SUPERVISOR T. Kwasnoski

DATE RELEASED November 24, 1959

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]07

Distribution:

H.F. Henry, E.C. Bollinger, W.C. Hartman, C.H. Mahoney, H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 729 W | 10/3/59 | CW-1 | 16 | | | | |
| 736 W | 10/10/59 | CW-1 | 8 | | | | |
| 741 W | " | CW-7 | 0 | | | | |
| 754 W | 10/17/59 | CW-1 | 8 | | | | |
| 759 W | " | CW-7 | 0 | | | | |
| 774 W | 10/24/59 | CW-1 | 8 | | | | |
| 779 W | " | CW-7 | 0 | | | | |
| 795 W | 10/31/59 | CW-1 | 4 | | | | |
| 800 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 50 M | October Composite | CW-4 | 4 | | | | |
| 51 M | " | CW-5 | 0 | | | | |
| 52 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kurovski

DATE RELEASED November 24, 1959

REPORT NO. 206

# REPORT OF WATER ANALYSES

Distribution:
H.F. Henry W.C. Hartman H.G.P. Snyder
E.C. Bollinger C.H. Mahoney

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 662 W | 9/5/59 | CW-1 | 6 | | | | |
| 667 W | " | CW-7 | 0 | | | | |
| 685 W | 9/12/59 | CW-1 | 6 | | | | |
| 690 W | " | CW-7 (K-901) | 0 | | | | |
| 713 W | 9/19/59 | CW-1 | 22 | | | | |
| 718 W | " | CW-7 | 16 | | | | |
| 724 W | 9/26/59 | CW-1 | 16 | | | | |
| 726 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 45 M | September Composite | CW-4 | 0 | | | | |
| 46 M | " | CW-5 | 0 | | | | |
| 47 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]es K25RC
Works Laborator[illegible]rtment
Special Analysis [illegible]ction

SU[illegible]VISOR T. Kusunoki

DATE RELEASED November 24, 1959

# REPORT OF WATER ANALYSES

REPORT NO. [redacted]-05

Distribution:
H.F. Henry
E.C. Bollinger
W.C. Hartman
C.H. Mahoney
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 590-W | 8/1/59 | CW-1 | 10 | | | | |
| 595-W | " | CW-7 (K-901) | 36 | | | | |
| 598-W | 8/8/59 | CW-1 | 0 | | | | |
| 603-W | " | CW-7 (K-901) | 0 | | | | |
| 618-W | 8/15/59 | CW-1 | 28 | | | | |
| 623-W | " | CW-7 | 0 | | | | |
| 625-W | 8/23/59 | CW-1 | 0 | | | | |
| 631-W | " | CW-7 (K-901) | 0 | | | | |
| 641-W | 8/29/59 | CW-1 | 0 | | | | |
| 646-W | " | CW-7 (K-901) | 0 | | | | |
| | | | | | | | |
| 40 M | August Composite | CS-4 | 0 | | | | |
| 41 M | " | CW-5 | 0 | | | | |
| 42 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusnoski

DATE RELEASED November 24, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 54

Distribution:

H. F. Henry W. C. Hartman
E. C. Bollinger H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 754 W | 10/17/59 | CW-1 | 78 | 1.8 | 7.1 | | 14 |
| 755 W | " | CW-3 | 21 | 1.0 | 7.4 | | 90 |
| 756 W | " | CW-4 | 14 | 0.8 | 7.6 | | 35 |
| 757 W | " | CW-5 | 11 | | 7.5 | | 22 |
| 758 W | " | CW-6 | | 0.3 | 7.6 | | 11 |
| 759 W | " | CW-7 | 2 | | 7.7 | | 15 |
| 760 W | " | DW-1 | 0 | | 7.7 | | 22 |
| 761 W | " | DW-3 | 1 | | 7.7 | | 48 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[redacted]les K25RC
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Special Analysis [redacted]tion

SU[redacted]VISOR T. Kwasnoski

DATE RELEASED 11/18/59

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]:03

Distribution:

H. F. Henry  W. C. Hartman
E. C. Bollinger  H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 736 W | 10/10/59 | CW-1 | 136 | 2.0 | 7.3 | | 30 |
| 737 W | " | CW-3 | 5 | 0.2 | 7.7 | | 22 |
| 738 W | " | CW-4 | 3 | 0.2 | 7.8 | | 20 |
| 739 W | " | CW-5 | < 1 | | 7.8 | | 21 |
| 740 W | " | CW-6 | | 0.1 | 7.7 | | 10 |
| 741 W | " | CW-7 | < 1 | | 8.3 | 0 | 10 |
| 742 W | " | DW-1 | 0 | | 7.7 | 0 | 12 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuroroohi

DATE RELEASED 11/18/59

# REPORT OF WATER ANALYSES

REPORT NO. 202

Distribution:

H. F. Henry W. C. Hartman
E. C. Bollinger H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 729 W | 10/3/59 | CW-1 | 54 | 0.9 | 8.0 | | 70 |
| 730 W | " | CW-3 | 3 | 0.2 | 7.8 | | 9 |
| 731 W | " | CW-4 | 5 | 0.1 | 7.9 | | 9 |
| 732 W | " | CW-5 | 0 | | 8.2 | | 4 |
| 733 W | " | CW-6 | | 0.3 | 7.5 | | 5 |
| 734 W | " | DW-1 | 0 | | 7.4 | 0 | 11 |
| 735 W | " | DW-3 | 0 | | 8.2 | 0 | 15 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[redacted]es K25RC
Works Laborator[redacted]rtment
Special Analysis [redacted]ction

SU[redacted]VISOR T. Kwasnoski

DATE RELEASED 11/[redacted]8/59

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]1

Distribution:

H. F. Henry — W. C. Hartman
E. C. Bollinger — H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 721 W | 9/26/59 | CW-1 | 139 | 1.4 | 7.1 | | 43 |
| 722 W | " | CW-3 | 4 | 0.4 | 7.6 | | 18 |
| 723 W | " | CW-4 | 3 | 0.0 | 7.8 | | 8 |
| 724 W | " | CW-5 | 0 | | 8.3 | | 13 |
| 725 W | " | CW-6 | | 0.3 | 7.7 | | 9 |
| 726 W | " | CW-7 | 2 | | 8.1 | | 18 |
| 727 W | " | DW-1 | 1 | | 7.4 | 0 | 9 |
| 728 W | " | DW-3 | < 1 | | 6.7 | 0 | 18 |
| | | | | | | | |
| 43 M | September Composite | CW-1 | | | | 14 | |
| 44 M | " | CW-3 | | | | 2 | |
| 45 M | " | CW-4 | | | | 2 | |
| 46 M | " | CW-5 | | | | 1 | |
| 47 M | " | CW-6 | 2 | | | 1 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwanoski

DATE RELEASED November 18, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 200

Distribution:

H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 713 W | 9/19/59 | CW-1 | 111 | 2.1 | 7.0 | | 18 |
| 714 W | " | CW-3 | 6 | 0.0 | 7.4 | | 19 |
| 715 W | " | CW-4 | 0 | 0.0 | 7.6 | | 5 |
| 716 W | " | CW-5 | 0 | | 7.9 | | 14 |
| 717 W | " | CW-6 | | 0.0 | 7.4 | | 10 |
| 718 W | " | CW-7 | 0 | | 7.8 | | 19 |
| 719 W | " | DW-1 | 0 | | 7.1 | 0 | 5 |
| 720 W | " | DW-3 | < 1 | | 7.6 | 0 | 7 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

T. Kwasnoski

SUPERVISOR T. Kwasnoski

DATE RELEASED 10/9/59

WCX-1012 (8-55)
Laboratory Centr[illegible]les K25RC
Works Laborator[illegible]rtment
Special Analysis [illegible]tion

# REPORT OF WATER ANALYSES

REPORT NO. 199

Distribution:

H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 685 W | 9/12/59 | CW-1 | 141 | 2.0 | 7.1 | | 17 |
| 686 W | " | CW-3 | 2 | 0.2 | 7.6 | | 22 |
| 687 W | " | CW-4 | 0 | 0.2 | 7.7 | | 3 |
| 688 W | " | CW-5 | 0 | | 8.1 | | 9 |
| 689 W | " | CW-6 | | 0.2 | 7.3 | | 15 |
| 690 W | " | CW-7 (K-901) | 0 | | 8.1 | | 18 |
| 691 W | " | DW-1 | 0 | | 7.3 | 0 | 3 |
| 692 W | " | DW-3 | 1 | | 7.8 | 0 | 9 |
| 693 W | " | Pond SW-1001 | < 1 | 0.5 | 8.6 | 1 | 6 |

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OCT 14 1959

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED 10/9/59

# REPORT OF WATER ANALYSES

REPORT NO. 98

Distribution:

H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 662 W | 9/5/59 | CW-1 | 60 | 0.0 | 7.3 | | 14 |
| 663 W | " | CW-3 | 11 | 0.0 | 7.6 | | 18 |
| 664 W | " | CW-4 | 3 | 0.0 | 7.6 | | 18 |
| 665 W | " | CW-5 | 1 | | 8.3 | | 16 |
| 666 W | " | CW-6 | | 0.0 | 7.5 | | 9 |
| 667 W | " | CW-7 | 3 | | 8.2 | | 25 |
| 668 W | " | DW-1 | 1 | | 7.6 | 0 | 10 |
| 669 W | " | DW-3 | 2 | | 8.1 | 0 | 17 |

RECEIVED OCT 14 1959

RECEIVED 1959 CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]les K25RC
Works Laborato[illegible]artment
Special Analysis [illegible]ction

SU[illegible]RVISOR T. Kwasnoski

T. Kwasnoski

DATE RELEASED 10/9/59

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]57

Distribution:

H. F. Henry W. C. Hartman
E. C. Bollinger H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 641 W | 8/29/59 | CW-1 | 143 | 1.4 | 7.0 | | 49 |
| 642 W | " | CW-3 | 3 | 0.0 | 7.3 | | 16 |
| 643 W | " | CW-4 | 2 | 0.0 | 7.5 | | 23 |
| 644 W | " | CW-5 | 1 | | 7.8 | | 13 |
| 645 W | " | CW-6 | | 0.0 | 7.5 | | 8 |
| 646 W | " | CW-7 (K-901) | < 1 | | 7.7 | | 16 |
| 647 W | " | DW-1 | 0 | | 7.2 | 0 | 9 |
| 648 W | " | DW-3 | 0 | | 7.7 | 0 | 17 |
| | | | | | | | |
| 38 M | August Composite | CW-1 | | | | 10 | |
| 39 M | " | CW-3 | | | | 3 | |
| 40 M | " | CW-4 | | | | 1 | |
| 41 M | " | CW-5 | | | | 1 | |
| 42 M | " | CW-6 | 0 | | | 1 | |
| | | | | | | | |
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[illegible] AND
[illegible] PHYSICS

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski T. Kwasnoski

DATE RELEASED 10/9/59

# REPORT OF WATER ANALYSES

REPORT NO. -96

Distribution:

H. F. Henry  W. C. Hartman
E. C. Bollinger  H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 625 W | 8/23/59 | CW-1 | 285 | 1.6 | 7.2 | 37 | 302 |
| 626 W | 8/22/59 | CW-2 | 125 | 0.4 | 7.7 | | 64 |
| 627 W | " | CW-3 | 24 | 0.0 | 8.0 | | 23 |
| 628 W | " | CW-4 | 1 | | 8.7 | | 9 |
| 629 W | 8/23/59 | CW-5 | 1 | 0.0 | 8.3 | | 18 |
| 630 W | " | CW-6 | | | 7.6 | | 26 |
| 631 W | " | CW-7 (K-901) | 4 | | 7.9 | | 25 |
| 632 W | 8/22/59 | DW-1 | 1 | | 7.2 | 1 | 22 |
| 633 W | " | DW-3 | 1 | | 7.8 | 0 | 12 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]les K25RC
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Special Analysis [illegible]ction

SU[illegible]RVISOR T. Kwasnoski  T. Kwasnoski

DATE RELEASED 10/[illegible]/59

# REPORT OF WATER ANALYSES

REPORT NO. [illegible]95

Distribution:

H. F. Henry  W. C. Hartman
E. C. Bollinger  H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm | FLUORIDES ppm. | pH | Counts per min/100 gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM-13 | 7/29/59 | Clinch River Mud Mile #49 | 1 | | | 176.4 | 65 |
| MM-14 | " | Clinch River Mud Mile #39 | 2 | | | 6.7 | 95 |

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PHYSICS

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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SUPERVISOR T. Kwasnoski  DATE RELEASED 10/9/59

# REPORT OF WATER ANALYSES

REPORT NO. 94

Distribution:
H. F. Henry — W. C. Hartman
E. C. Bollinger — H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 586 W | 7/29/59 | CW Clinch River CRM 49 | 4 | 0.0 | 7.6 | 0.3 | 11 |
| 587 W | " | CW Clinch River CRM 39 | 1 | 0.0 | 8.2 | 0.0 | 9 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis [illegible]tion

SU[illegible]VISOR T. Kwasnoski

DATE RELEASED 10/9/59

# REPORT OF WATER ANALYSES

REPORT NO. 97

Distribution:

H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 618 W | 8/15/59 | CW-1 | 83 | 1.4 | 7.5 | | 16 |
| 619 W | " | CW-3 | 5 | 0.0 | 7.3 | | 29 |
| 620 W | " | CW-4 | 1 | 0.8 | 7.5 | | 32 |
| 621 W | " | CW-5 | 2 | 0.3 | 8.2 | | 43 |
| 622 W | " | CW-6 | | | 7.7 | | 14 |
| 623 W | " | CW-7 | 6 | | 8.3 | | 32 |
| 624 W | " | DW-3 | 0 | | 7.6 | 0 | 23 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kurosaki

DATE RELEASED September 9, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 196

Distribution:
H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 598 W | 8/8/59 | CW-1 | 45 | 1.0 | 7.1 | | 26 |
| 599 W | " | CW-3 | 6 | 0.6 | 7.1 | | 47 |
| 600 W | " | CW-4 | 3 | 0.4 | 7.2 | | 57 |
| 601 W | " | CW-5 | 1 | | 8.1 | | 83 |
| 602 W | " | CW-6 | | 0.0 | 7.3 | | 23 |
| 603 W | " | CW-7 (K-901) | 3 | | 7.5 | 1 | 130 |
| 604 W | " | DW-1 | 1 | | 7.3 | 1 | 50 |
| 605 W | " | DW-3 | 1 | | 7.1 | 0 | 77 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory [redacted]rtment
Special Analysis Section

SU[redacted]VISOR T. Kwosnoski

DATE RELEASED Sep[redacted]ber 9, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 195

Distribution:
H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 590 W | 8/1/59 | CW-1 | 21 | 0.3 | 7.6 | | 11 |
| 591 W | " | CW-3 | 2 | 1.3 | 7.6 | | 38 |
| 592 W | " | CW-4 | 1 | 0.7 | 7.5 | | 21 |
| 593 W | " | CW-5 | 5 | | 8.3 | | 24 |
| 594 W | " | CW-6 | | 0.0 | 7.8 | | 84 |
| 595 W | " | CW-7 (K-901) | 0 | | 7.9 | | 9 |
| 596 W | " | DW-1 | 3 | | 7.3 | 0.4 | 23 |
| 597 W | " | DW-3 | <1 | | 7.8 | 0.4 | 14 |

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SEP 11 1959
SAFETY AND RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kuronoshi

DATE RELEASED September 9, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 193

Distribution:
H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM-12 | 6/25/59 | MM-7 K-1420 | | | | 546 | |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SU[redacted]VISOR T. Kusnoki

DATE RELEASED September 9, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 4

Distribution:
H. F. Henry W. C. Hartman
E. C. Bollinger H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 586 W | 7/29/59 | CW Clinch River CRM-49 | 4 | 0 | 7.6 | 0.3 | 11 |
| 587 W | " | CW Clinch River CRM-39 | 1 | 0 | 8.2 | 0.0 | 9 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

RADIATION CONTROL

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SUPERVISOR T. Kwasnoski

DATE RELEASED September 9, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 92

Distribution:

H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 574 W | 7/25/59 | CW-1 | 145 | 3.6 | 6.8 | | 29 |
| 575 W | " | CW-3 | 6 | 0.8 | 7.4 | | 22 |
| 576 W | " | CW-4 | 6 | 1.8 | 7.5 | | 17 |
| 577 W | " | CW-5 | 0 | | 8.0 | | 27 |
| 578 W | " | CW-6 | | 0.5 | 7.2 | | 47 |
| 579 W | " | CW-7 (K-901) | 0 | | 7.8 | | 27 |
| 580 W | " | DW-1 | 0 | | 7.1 | | 9 |
| 581 W | " | DW-3 | 0 | | 7.6 | | 21 |
| 33 M | July Composite | CW-1 | | | | 10 | |
| 34 M | " | CW-3 | | | | 1 | |
| 35 M | " | CW-4 | | | | 1 | |
| 36 M | " | CW-5 | | | | 1 | |
| 37 M | " | CW-6 | <1 | | | 1 | |
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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]les K25RC
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SU[illegible]VISOR T. Kwasnoski

DATE RELEASED August 13, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 191

Distribution:

H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 554 W | 7/18/59 | CW-1 | 16 | .9 | 7.7 | | 20 |
| 555 W | " | CW-3 | 6 | .6 | 7.9 | | 19 |
| 556 W | " | CW-4 | 3 | .0 | 8.2 | | 32 |
| 557 W | " | CW-5 | 2 | | 8.4 | | 44 |
| 558 W | " | CW-6 | | .2 | 7.6 | | 20 |
| 559 W | " | CW-7 (K-901) | <1 | | 8.0 | | 40 |
| 560 W | " | DW-1 | <1 | | 7.4 | 0 | 27 |
| 561 W | " | DW-3 | 3 | | 8.3 | 1 | 28 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED August 13, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 90

Distribution:
H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 526 W | 7/11/59 | CW-1 | 31 | 1.0 | 8.1 | | 17 |
| 527 W | " | CW-3 | 7 | .3 | 7.7 | | 25 |
| 528 W | " | CW-4 | 0 | .2 | 7.5 | | 31 |
| 529 W | " | CW-5 | 1 | | 8.1 | | 22 |
| 530 W | " | CW-6 | | .2 | 7.6 | | 25 |
| 531 W | " | CW-7 (K-901) | 3 | | 7.7 | | 33 |
| 532 W | " | DW-1 | <1 | | 7.3 | 0 | 16 |
| 533 W | " | DW-3 | 1 | | 7.9 | 1 | 17 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SU[illegible]VISOR T. Kwasnoski

DATE RELEASED August 13, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 59

Distribution:

H.F. Henry W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 516 W | 7/4/59 | CW-1 | 8 | .7 | 7.6 | | 14 |
| 517 W | " | CW-3 | 7 | .6 | 7.3 | | 41 |
| 518 W | " | CW-4 | 1 | .3 | 9.0 | | 31 |
| 519 W | " | CW-5 | 0 | | 8.1 | | 34 |
| 520 W | " | CW-6 | | .2 | 7.4 | | 30 |
| 521 W | " | CW-7 (K-901) | 3 | | 7.7 | 1 | 118 |
| 522 W | " | DW-1 | 0 | | 7.1 | 0 | 11 |
| 523 W | " | DW-3 | <1 | | 7.7 | 1 | 9 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kurosaki

DATE RELEASED August 13, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 188

Distribution:

H.F. Henry W.C. Hartman H.G.P. Snyder
E.C. Bollinger C.H. Mahoney

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 516 W | 7/4/59 | CW-1 | 6 | | | | |
| 521 W | " | K-901 | 4 | | | | |
| 526 W | 7/11/59 | CW-1 | 0 | | | | |
| 531 W | " | K-901 (CW-7) | 0 | | | | |
| 554 W | 7/18/59 | CW-1 | 0 | | | | |
| 559 W | " | K-901 (CW-7) | 0 | | | | |
| 574 W | 7/25/59 | CW-1 | 0 | | | | |
| 579 W | " | K-901 (CW-7) | 0 | | | | |
| 35 M | July Composite | CW-4 | 0 | | | | |
| 36 M | " | CW-5 | 0 | | | | |
| 37 M | " | CW-6 | 0 | | | | |
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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]es K25RC
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Special Analysis Section

SU[illegible]VISOR T. Kwoundahi

DATE RELEASED August 12, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 37

Distribution:
H.F. Henry W.C. Hartman H.G.P. Snyder
E.C. Bollinger C.H. Mahoney

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 452 W | 6/6/59 | CW-1 | 10 | | | | |
| 472 W | 6/13/59 | CW-1 | 10 | | | | |
| 477 W | " | K-901 | 0 | | | | |
| 480 W | 6/21/59 | CW-1 | 0 | | | | |
| 485 W | " | K-901 | 0 | | | | |
| 500 W | 6/27/59 | CW-1 | 0 | | | | |
| 505 W | " | CW-7 | 0 | | | | |
| 30 M | June Composite | CW-4 | 0 | | | | |
| 31 M | " | CW-5 | 0 | | | | |
| 32 M | " | CW-6 | 0 | | | | |
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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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DATE RELEASED August 12, 1959

REPORT NO. 56

# REPORT OF WATER ANALYSES

Distribution:
H.F. Henry W.C. Hartman H.G.P. Snyder
E.C. Bollinger C.H. Mahoney

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 393 W | 5/16/59 | CW-1 | 12 | | | | |
| 398 W | " | K-901 | 0 | | | | |
| 413 W | 5/23/59 | CW-1 | 12 | | | | |
| 418 W | " | CW-7 | 12 | | | | |
| 432 W | 5/30/59 | CW-1 | 12 | | | | |
| 437 W | " | K-901 | 0 | | | | |
| 24 M | " | May Composite - CW-4 | 0 | | | | |
| 25 M | " | May Composite - CW-5 | 0 | | | | |
| 26 M | " | May Composite - CW-6 | 0 | | | | |
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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SU[illegible]RVISOR T. Kwasnoski

DATE RELEASED August 12, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 5

Distribution:
H. F. Henry W. C. Hartman
E. C. Bollinger H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 27 M | June Composite | CW-1 | | | | 13 | |
| 28 M | " | CW-2 | | | | 3 | |
| 29 M | " | CW-3 | | | | 2 | |
| 30 M | " | CW-4 | | | | 1 | |
| 31 M | " | CW-5 | | | | 0 | |
| 32 M | " | CW-6 | <1 | | | 0 | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. C. Whitson for TKC DATE RELEASED July 13, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 1

Distribution:

H.F. Henry W. C. Hartman
E.C. Bollinger H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 512 W | 6/30/59 | K-1420 Acid Drain Line (South) | 924 | | 1.8 | 79 | 1299 |
| 513 W | " | Holding Pond | 1141 | | 2.3 | 149 | 13285 |
| 514 W | " | K-1420 Floor Drains | 25 | | 7.9 | 2 | 78 |
| 515 W | " | K-1420 Acid Drain Line (North) | 1284 | | 2.5 | 219 | 3506 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]es K25RC
Works Laboratory [illegible]rtment
Special Analysis Section

SUPERVISOR T. C. White

DATE RELEASED July 13, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 183

Distribution:

H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 500 W | 6/27/59 | CW-1 | 48 | 0.8 | 7.3 | | 33 |
| 501 W | " | CW-3 | 15 | 0.0 | 7.4 | | 51 |
| 502 W | " | CW-4 | 4 | 0.0 | 8.8 | | 41 |
| 503 W | " | CW-5 | 5 | | 8.1 | | 34 |
| 504 W | " | CW-6 | | 0.0 | 7.2 | | 30 |
| 505 W | " | CW-7 | <1 | | 7.7 | | 24 |
| 506 W | " | DW-1 | <1 | | 7.4 | 0 | 20 |
| 507 W | " | DW-3 | 1 | | 7.9 | 0 | 27 |

8/4/59

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AUG 3 1959
SAFETY, FIRE, AND RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T.C. Whitson for T.K.

DATE RELEASED July 13, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 32

Distribution:

H.F. Henry
E.C. Bollinger
W.C. Hartman
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 480 W | 6/21/59 | CW-1 | 17 | 0.6 | 6.9 | | 12 |
| 481 W | " | CW-3 | 11 | 0.6 | 7.1 | | 49 |
| 482 W | " | CW-4 | 10 | 0.4 | 7.5 | | 38 |
| 483 W | " | CW-5 | 6 | | 7.8 | | 33 |
| 484 W | " | CW-6 | 1 | 0.1 | 7.8 | | 27 |
| 485 W | " | K-901 | 2 | | 7.7 | | 42 |
| 486 W | " | DW-1 | 3 | | 7.5 | 0 | 36 |
| 487 W | " | DW-3 | 5 | | 7.6 | 2 | 51 |

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AUG 4 1959
SAFETY, FIRE, AND RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[redacted]es K25RC
Works Laboratory [redacted]rtment
Special Analysis [redacted]ction

SU[redacted]VISOR T. C. Whitson

DATE RELEASED July 13, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 181

Distribution:
H.F. Henry, W.C. Hartman
E.C. Bollinger H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 472 W | 6/13/59 | CW-1 | 13 | 0.2 | 9.5 | | 13 |
| 473 W | " | CW-3 | 9 | 0.4 | 9.2 | | 55 |
| 474 W | " | CW-4 | 0 | 0.2 | 8.8 | | 16 |
| 475 W | " | CW-5 | 3 | | 8.5 | | 51 |
| 476 W | " | CW-6 | | 1.0 | 8.3 | | 41 |
| 477 W | " | K-901 | 1 | | 8.1 | | 34 |
| 478 W | " | CW-1 | 0 | | 7.9 | 0 | 35 |
| 479 W | " | CW-3 | 5 | | 7.8 | 0 | 39 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T.C. Whitson for TK. DATE RELEASED July 13, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 80

Distribution:

H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 452 W | 6/6/59 | CW-1 | 389 | 4.0 | 7.3 | | 83 |
| 453 W | " | CW-2 | 51 | | 7.4 | | 49 |
| 454 W | " | CW-3 | 20 | 0.0 | 7.0 | | 28 |
| 455 W | " | CW-4 | 11 | 0.0 | 7.7 | | 64 |
| 456 W | " | CW-5 | 11 | | 8.1 | | 42 |
| 457 W | " | CW-6 | | 0.0 | 7.6 | | 26 |
| 458 W | " | DW-1 | 9 | | 7.3 | 0 | 51 |
| 459 W | " | DW-3 | 9 | | 7.9 | 2 | 74 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[redacted]es K25RC
Works Laborator[redacted]rtment
Special Analysis [redacted]ction

SU[redacted]VISOR T. C. Whitson for T.K.

DATE RELEASED Ju[redacted] 7, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 179

Distribution:

H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 432 W | 5/30/59 | CW-1 | 43 | 1.3 | 7.2 | | 27 |
| 433 W | " | CW-3 | 10 | 0.1 | 7.5 | | 25 |
| 434 W | " | CW-4 | 4 | 0.1 | 7.8 | | 48 |
| 435 W | " | CW-5 | 2 | | 8.1 | | 21 |
| 436 W | " | CW-6 | | 0.2 | 7.5 | | 20 |
| 437 W | " | K-901 | 3 | | 8.2 | | 30 |
| 438 W | " | DW-1 | 0 | | 7.2 | 0 | 10 |
| 439 W | " | DW-3 | 2 | | 7.9 | 1 | 19 |
| 22 M | 5/30/59 | May Composite CW-1 | | | | 4 | |
| 23 M | " | May Composite CW-3 | | | | 0 | |
| 24 M | " | May Composite CW-4 | | | | 0 | |
| 25 M | " | May Composite CW-5 | | | | 0 | |
| 26 M | " | May Composite CW-6 | | | | 0 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. C. Whitson for T.K.

DATE RELEASED July 7, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 3

Distribution:

H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 ml. | |
|---|---|---|---|---|---|---|---|
| | | | | | | ALPHA | BETA |
| MM 6 | 5/23/59 | MM-1 | 46 | | | 92 | 635 |
| MM 7 | " | MM-2 | 43 | | | 126 | 2185 |
| MM 8 | " | MM-3 | 22 | | | 42 | 286 |
| MM 9 | " | MM-4 | 18 | | | 30 | 1757 |
| MM 10 | " | MM-5 | 195 | | | 213 | 529 |
| MM 11 | " | MM-7 | 1177 | | | 1148 | 3163 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]es K25RC
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Special Analysis Section

SU[illegible]VISOR T. C. Whitson for T.C.

DATE RELEASED Ju[illegible] 7, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 7

Distribution:

H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 413 W | 5/23/59 | CW-1 | 52 | 1.4 | 7.1 | | 17 |
| 414 W | " | CW-3 | 6 | 0.1 | 7.8 | | 32 |
| 415 W | " | CW-4 | 1 | 0.0 | 7.9 | | 19 |
| 416 W | " | CW-5 | 1 | | 7.9 | | 17 |
| 417 W | " | CW-6 | | 0.0 | 7.7 | | 17 |
| 418 W | " | CW-7 | 1 | | 8.3 | | 33 |
| 419 W | " | DW-1 | 1 | | 7.7 | 2 | 10 |
| 420 W | " | DW-3 | 2 | | 8.3 | 0 | 16 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. C. Whitson for TK

DATE RELEASED July 7, 1959

# REPORT OF WATER ANALYSES

REPORT NO.

Distribution:

H. F. Henry
E. C. Bollinger
W. C. Hartman
H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 393 W | 5/16/59 | CW-1 | 42 | 1.0 | 7.4 | 21 | 109 |
| 394 W | " | CW-3 | 4 | 0.2 | 7.6 | | 18 |
| 395 W | " | CW-4 | 5 | 0.0 | 7.9 | | 95 |
| 396 W | " | CW-5 | 1 | | 8.4 | | 22 |
| 397 W | " | CW-6 | | 0.0 | 7.8 | | 16 |
| 398 W | " | K-901 | 7 | | 8.1 | 1 | 133 |
| 399 W | " | DW-1 | <1 | | 7.5 | 0 | 25 |
| 400 W | " | DW-3 | 2 | | 7.7 | 1 | 34 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[redacted]es K25RC
Works Laboratory [redacted]rtment
Special Analysis Section

SU[redacted]VISOR T.C. Whitson for T.K.

DATE RELEASED J[redacted]y 7, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 5

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 385 W | 5/9/59 | CW-1 | 61 | 2.1 | 7.6 | | 31 |
| 386 W | " | CW-3 | 1 | 0.2 | 7.7 | | 65 |
| 387 W | " | CW-4 | 7 | 0.0 | 7.8 | 1 | 168 |
| 388 W | " | CW-5 | 0 | | 8.2 | | 45 |
| 389 W | " | CW-6 | | 0.0 | | | 53 |
| 390 W | " | CW-7 | 0 | | | | 57 |
| 391 W | " | DW-1 | 0 | | | 1 | 30 |
| 392 W | " | DW-3 | 0 | | | 2 | 37 |

RECEIVED JUN 11 1959 SAFETY, FIRE, AND RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuwaoka

DATE RELEASED June 8, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 174

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 365 W | 5/2/59 | CW-1 | 54 | 1.0 | 7.7 | | 11 |
| 366 W | " | CW-3 | 2 | 0.0 | 7.8 | | 30 |
| 367 W | " | CW-4 | 6 | 0.4 | 8.1 | | 63 |
| 368 W | " | CW-5 | 1 | | 8.1 | | 61 |
| 369 W | " | CW-6 | | 0.0 | 7.5 | | 46 |
| 370 W | " | CW-7 | 1 | | 7.9 | | 41 |
| 371 W | " | DW-1 | 1 | | 7.8 | 0 | 57 |
| 372 W | " | DW-3 | 3 | | 8.0 | 1 | 67 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]les K25RC
Works Laborator[illegible]rtment
Special Analysis [illegible]ion

SUPERVISOR T. Kwasnoski

DATE RELEASED June 8, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 13

Distribution:

E.C. Bollinger H.F. Henry H.G.P. Snyder
W.C. Hartman C.H. Mahoney

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~URANIUM~~ Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 365 W | 5/2/59 | CW-1 | 2 | | | | |
| 370 W | " | CW-7 | 0 | | | | |
| 385 W | 5/9/59 | CW-1 | 5 | | | | |
| 390 W | " | CW-7 | 0 | | | | |

RECEIVED MAY 27 1959 SAFETY AND HEALTH PHYSICS

RECEIVED 1959 SAFETY AND HEALTH PHYSICS RADIOLOGICAL CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

SUPERVISOR T. Kwasnoski

DATE RELEASED May 26, 1959

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

# REPORT OF WATER ANALYSES

REPORT NO. 72

Distribution:
E.C. Bollinger H.F. Henry H.G.P. Snyder
W.C. Hartman C.H. Mahoney

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 306 W | 4/11/59 | CW-1 | 0 | | | | |
| 311 W | " | K-901 | 0 | | | | |
| 312 W | " | K-801 | 0 | | | | |
| 327 W | 4/18/59 | CW-1 | 9 | | | | |
| 332 W | " | CW-7 | 0 | | | | |
| 333 W | " | K-801 | 0 | | | | |
| 348 W | 4/25/59 | CW-1 | 8 | | | | |
| 353 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 19 M | April Composite | CW-4 | 0 | | | | |
| 20 M | " | CW-5 | 0 | | | | |
| 21 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]les K25RC
Works Laborator[illegible]artment
Special Analysis [illegible]ction

SU[illegible]RVISOR T. Kwasnoski

DATE RELEASED May 26, 1959

# REPORT OF WATER ANALYSES

REPORT NO. [redacted]

Distribution:

E.C. Bollinger H.F. Henry H.G.P. Snyder
W.C. Hartman C.H. Mahoney

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 280 W | 4/4/59 | CW-1 | 26 | | | | |
| 285 W | " | CW-7 | 0 | | | | |
| 286 W | " | K-801 | 0 | | | | |
| 289 W | " | A-Loop | 0 | | | | |
| 290 W | " | B-Loop | 0 | | | | |
| 291 W | " | C-Loop | 0 | | | | |
| 292 W | " | E-Loop | 0 | | | | |
| 293 W | " | G-Loop | 0 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuranoshi

DATE RELEASED May 26, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 5

Distribution:

E.C. Bollinger H.F. Henry H.G.P. Snyder
W.C. Hartman C.H. Mahoney

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 197 W | 3/7/59 | CW-1 | 12 | | | | |
| 202 W | " | CW-7 | 0 | | | | |
| 203 W | " | K-801 | 0 | | | | |
| 218 W | 3/14/59 | CW-1 | 18 | | | | |
| 223 W | " | CW-7 | 0 | | | | |
| 224 W | " | K-801 | 0 | | | | |
| 239 W | 3/21/59 | CW-1 | 23 | | | | |
| 244 W | " | CW-7 | 7 | | | | |
| 245 W | " | K-801 | 7 | | | | |
| 260 W | 3/28/59 | CW-1 | 62 | | | | |
| 265 W | " | CW-7 | 0 | | | | |
| | | | | | | | |
| 14 M | March Composite | CW-4 | 0 | | | | |
| 15 M | " | CW-5 | 0 | | | | |
| 16 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[redacted]es K25RC
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Special Analysis Section

SU[redacted]VISOR T. Kwasnoski

DATE RELEASED May [redacted], 1959

# REPORT OF WATER ANALYSES

REPORT NO. 59

Distribution:

E.C. Bollinger H.F. Henry H.G.P. Snyder
W.C. Hartman C.H. Mahoney

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~URANIUM~~ Mercury ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 178 W | 2/28/59 | CW-1 | 18 | | | | |
| 183 W | " | CW-7 | 0 | | | | |
| M-9 | February Composite | CW-4 | 0 | | | | |
| M-10 | " | CW-5 | 26 | | | | |
| M-11 | " | CW-6 | 5 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuwanoshi

DATE RELEASED May 26, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 3

Distribution:

H. F. Henry W. C. Hartman
E. C. Bollinger H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 348 W | 4/25/59 | CW-1 | 121 | 1.4 | 6.8 | | 19 |
| 349 W | " | CW-3 | 5 | 0.4 | 7.4 | | 39 |
| 350 W | " | CW-4 | 0 | 0.1 | 7.7 | | 42 |
| 351 W | " | CW-5 | 0 | | 8.1 | | 70 |
| 352 W | " | CW-6 | | 0.0 | 8.2 | | 47 |
| 353 W | " | CW-7 | 1 | | 7.9 | | 48 |
| 354 W | " | DW-1 | 0 | | 7.7 | 1 | 29 |
| 355 W | " | DW-3 | <1 | | 8.0 | 1 | 35 |
| | | | | | | | |
| 17 M | April Composite | CW-1 | | | | 8 | |
| 18 M | " | CW-3 | | | | 1 | |
| 19 M | " | CW-4 | | | | 1 | |
| 20 M | " | CW-5 | | | | 0 | |
| 21 M | " | CW-6 | 0 | | | 0 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]es K25RC
Works Laboratory [illegible]rtment
Special Analysis Section

SU[illegible]VISOR T. Kusunoki

DATE RELEASED May 8, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 57

Distribution:

H. F. Henry W. C. Hartman
E. C. Bollinger H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 327 W | 4/18/59 | CW-1 | 40 | 1.3 | 6.4 | | 18 |
| 328 W | " | CW-3 | 7 | 0.1 | 6.9 | | 81 |
| 329 W | " | CW-4 | 1 | 0.0 | 7.2 | | 64 |
| 330 W | " | CW-5 | 0 | | 7.4 | 0 | 132 |
| 331 W | " | CW-6 | | 0.0 | 7.4 | | 25 |
| 332 W | " | CW-7 | 0 | | 7.4 | | 38 |
| 333 W | " | K-801 | 2 | | 8.6 | | |
| 334 W | " | DW-1 | 0 | | 8.2 | 0 | 29 |
| 335 W | " | DW-3 | 37 | | 7.8 | 2 | 67 |

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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusunoki

DATE RELEASED May 8, 1959

# REPORT OF WATER ANALYSES

REPORT NO. ___

Distribution:
H. F. Henry W. C. Hartman
E. C. Bollinger H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 306 W | 4/11/59 | CW-1 | 47 | 1.6 | 7.0 | | 34 |
| 307 W | " | CW-3 | 5 | 0.4 | 7.2 | | 57 |
| 308 W | " | CW-4 | 6 | 0.3 | 7.3 | | 47 |
| 309 W | " | CW-5 | 0 | | 7.6 | | 62 |
| 310 W | " | CW-6 | | 0.2 | 7.6 | | 47 |
| 311 W | " | K-901 | <1 | | 7.7 | | 49 |
| 312 W | " | K-801 | 5 | | 7.5 | | |
| 313 W | " | DW-1 | 2 | | 7.4 | 0 | 21 |
| 314 W | " | DW-3 | 3 | | 7.5 | 0 | 36 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]es K25RC
Works Laborator[illegible]artment
Special Analysis Section

SU[illegible]VISOR T. Kwasnoski

DATE RELEASED May 8, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 265

Distribution:

H. F. Henry  W. C. Hartman
E. C. Bollinger  H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 280 W | 4/4/59 | CW-1 | 108 | 1.4 | 8.3 | | 23 |
| 281 W | " | CW-3 | 4 | 0.4 | 8.0 | | 24 |
| 282 W | " | CW-4 | 2 | 0.6 | 8.1 | | 69 |
| 283 W | " | CW-5 | 1 | | 8.3 | | 67 |
| 284 W | " | CW-6 | | 0.6 | 8.0 | | 49 |
| 285 W | " | CW-7 | 3 | | 8.5 | | 38 |
| 286 W | " | K-801 | 3 | | 9.3 | | |
| 287 W | " | DW-1 | 3 | | 8.2 | 0 | 39 |
| 288 W | " | DW-3 | 4 | | 7.9 | 0 | 51 |

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SAFETY, HEALTH & RADIATION CONTROL

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwoonoolai

DATE RELEASED May 8, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 4

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 260 W | 3/28/59 | CW-1 | 66 | 3.8 | 7.4 | | 53 |
| 261 W | " | CW-3 | 9 | 0.4 | 7.9 | | 24 |
| 262 W | " | CW-4 | 7 | 0.0 | 8.1 | | 23 |
| 263 W | " | CW-5 | 1 | | 8.5 | | 40 |
| 264 W | " | CW-6 | | 0.1 | 7.7 | | 53 |
| 265 W | " | CW-7 | 4 | | 8.0 | | 64 |
| 266 W | " | DW-1 | 1 | | 7.6 | 0 | 40 |
| 267 W | " | DW-3 | 10 | | 8.1 | 2 | 41 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kuroroki

DATE RELEASED April 15, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 53

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 239 W | 3/21/59 | CW-1 | 64 | 1.1 | 8.2 | | 19 |
| 240 W | " | CW-3 | 5 | 0.2 | 8.0 | | 48 |
| 241 W | " | CW-4 | 0 | 0.0 | 7.9 | | 21 |
| 242 W | " | CW-5 | 0 | | 8.1 | | 43 |
| 243 W | " | CW-6 | | 0.0 | 7.9 | | 29 |
| 244 W | " | CW-7 | 1 | | 7.8 | | 33 |
| 245 W | " | K-801 | 18 | | 7.8 | | |
| 246 W | " | DW-1 | 0 | | 7.2 | 0 | 20 |
| 247 W | " | DW-3 | 7 | | 7.8 | 1 | 18 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasowski

DATE RELEASED April 15, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| M-6 | ~~March~~ Feb Composite | CW-1 | | | | 7 | |
| M-7 | " | CW-2 | | | | 3 | |
| M-8 | " | CW-3 | | | | 1 | |
| M-9 | " | CW-4 | | | | 0 | |
| M-10 | " | CW-5 | | | | 49 | |
| M-11 | " | CW-6 | | | | 0 | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasovski

DATE RELEASED 4/1/59

# REPORT OF WATER ANALYSES

REPORT NO. 61

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 218 W | 3/14/59 | CW-1 | 95 | 1.1 | 7.4 | | 19 |
| 219 W | " | CW-3 | 7 | 0.4 | 7.6 | | 31 |
| 220 W | " | CW-4 | 5 | 0.4 | 7.8 | | 29 |
| 221 W | " | CW-5 | 0 | | 8.0 | | 53 |
| 222 W | " | CW-6 | | 0.3 | 7.7 | | 38 |
| 223 W | " | CW-7 | 2 | | 7.8 | | 34 |
| 224 W | " | K-801 | 5 | | 8.8 | | |
| 225 W | " | DW-1 | 11 | | 7.9 | 0 | 44 |
| 226 W | " | DW-3 | 2 | | 7.9 | 1 | 45 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED 4/1/59

# REPORT OF WATER ANALYSES

REPORT NO. 60

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 197 W | 3/7/59 | CW-1 | 52 | 2.0 | 6.7 | | 7 |
| 198 W | " | CW-3 | 5 | 0.4 | 7.1 | | 35 |
| 199 W | " | CW-4 | 2 | 3.5 | 7.5 | | 43 |
| 200 W | " | CW-5 | 1 | | 7.7 | | 36 |
| 201 W | " | CW-6 | | 0.3 | 7.6 | | 17 |
| 202 W | " | CW-7 | 1 | | 8.1 | | 21 |
| 203 W | " | K-801 | 10 | | 8.6 | | |
| 204 W | " | DW-1 | 1 | | 7.5 | 0 | 19 |
| 205 W | " | DW-3 | 3 | | 7.6 | 0 | 54 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SUPERVISOR T. Kuwanoki

DATE RELEASED 4/1/59

# REPORT OF WATER ANALYSES

REPORT NO. 29

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 178 W | 2/28/59 | CW-1 | 2 | 0.8 | 6.8 | | 39 |
| 179 W | " | CW-3 | 4 | 0.3 | 7.2 | | 54 |
| 180 W | " | CW-4 | 4 | 0.3 | 7.5 | | 83 |
| 181 W | " | CW-5 | 1 | | 7.8 | | 44 |
| 182 W | " | CW-6 | | 0.0 | 7.5 | | 53 |
| 183 W | " | CW-7 | 1 | | 7.7 | | 35 |
| 184 W | " | DW-1 | 4 | | 7.6 | 0 | 21 |
| 185 W | " | DW-3 | 1 | | 7.8 | 0 | 39 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusnoski

DATE RELEASED 4/1/59

# REPORT OF WATER ANALYSES

REPORT NO. 8

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 157 W | 2/21/59 | CW-1 | 20 | 0.3 | 7.4 | | 16 |
| 158 W | " | CW-3 | 9 | 0.4 | 7.6 | | 68 |
| 159 W | " | CW-4 | 6 | 0.1 | 7.7 | | 95 |
| 160 W | " | CW-5 | 1 | | 8.1 | | 96 |
| 161 W | " | CW-6 | | 0.0 | 7.6 | | 34 |
| 162 W | " | CW-7 | 4 | | 8.0 | | 34 |
| 163 W | " | K-801 | 11 | | 8.3 | | |
| 164 W | " | DW-1 | 1 | | 7.4 | 0 | 51 |
| 165 W | " | DW-3 | 8 | | 7.8 | 2 | 96 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SUPERVISOR T. Kwasnoski

DATE RELEASED 4/1/59

# REPORT OF WATER ANALYSES

REPORT NO. 57

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/100 mg. mud | |
|---|---|---|---|---|---|---|---|
| | | | | | | ALPHA | BETA |
| MM-1 | 2/14/59 | MM-1 | 27 | | | 53 | 161 |
| MM-2 | " | MM-2 | 68 | | | 142 | 239 |
| MM-3 | " | MM-3 | 64 | | | 111 | 459 |
| MM-4 | " | MM-4 | 12 | | | 17 | 351 |
| MM-5 | " | MM-5 | 90 | | | 104 | 383 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusanobi

DATE RELEASED 4/1/59

# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 135 W | 2/14/59 | CW-1 | 15 | 1.3 | 7.7 | | 34 |
| 136 W | " | CW-2 | 19 | 0.3 | 8.0 | | 50 |
| 137 W | " | CW-3 | 10 | 0.2 | 8.1 | | 43 |
| 138 W | " | CW-4 | 9 | | 7.7 | | 30 |
| 139 W | " | CW-5 | 2 | 0.0 | 8.1 | | 48 |
| 140 W | " | CW-6 | | | 7.5 | | 49 |
| 141 W | " | K-901 | 10 | | 7.3 | | 30 |
| 142 W | " | K-801 | 13 | | 8.2 | | |
| 143 W | " | DW-1 | 1 | | 7.4 | | 30 |
| 144 W | " | DW-3 | 8 | | 7.7 | | 16 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SU[illegible]VISOR T. Kwasowski

DATE RELEASED 4/[illegible]/59

# REPORT OF WATER ANALYSES

REPORT NO. 55

Distribution:
E.C. Bollinger C.H. Mahoney
W.C. Hartman H.G.P. Snyder
H.F. Henry

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | ~~URANIUM~~ MERCURY ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 114 W | 2/7/59 | CW-1 | 60 | | | | |
| 119 W | " | CW-7 | 0 | | | | |
| 120 W | " | K-801 | 0 | | | | |
| 135 W | 2/14/59 | CW-1 | 44 | | | | |
| 141 W | " | CW-7 | 22 | | | | |
| 142 W | " | K-801 | 0 | | | | |
| 157 W | 2/21/59 | CW-1 | 18 | | | | |
| 162 W | " | CW-7 | 0 | | | | |
| 163 W | " | K-801 | 0 | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusnoski

DATE RELEASED March 9, 1959

# REPORT OF WATER ANALYSES

REPORT NO. ____

Distribution:
E.C. Bollinger C.H. Mahoney
W.C. Hartman H.G.P. Snyder
H.F. Henry

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | Mercury ~~URANIUM~~ ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 33 W | 1/10/59 | CW-1 | 24 | | | | |
| 38 W | " | CW-7 | 16 | | | | |
| 39 W | " | K-801 | 22 | | | | |
| 53 W | 1/17/59 | CW-1 | 6 | | | | |
| 58 W | " | CW-7 | 0 | | | | |
| 59 W | " | K-801 | 8 | | | | |
| 73 W | 1/24/59 | CW-1 | 4 | | | | |
| 78 W | " | CW-7 (K-901) | 4 | | | | |
| 79 W | " | K-801 | 50 | | | | |
| 94 W | 1/31/59 | CW-1 | Opp. Error | | | | |
| 99 W | " | CW-7 | 20 | | | | |
| | | | | | | | |
| 3 M | January Composite | CW-4 | 0 | | | | |
| 4 M | " | CW-5 | 0 | | | | |
| 5 M | " | CW-6 | 0 | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Special Analysis Section

SU[illegible]VISOR T. Kusnoski

DATE RELEASED March [illegible]9, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 53

Distribution:

E. C. Bollinger H. F. Henry
W. C. Hartman H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 114 W | 2/7/59 | CW-1 | 91 | 1.7 | 7.3 | | 35 |
| 115 W | " | CW-3 | 5 | 0.4 | 7.6 | 1 | 185 |
| 116 W | " | CW-4 | 6 | 0.1 | 7.7 | 0 | 159 |
| 117 W | " | CW-5 | 1 | | 7.6 | | 64 |
| 118 W | " | CW-6 | | 0.0 | 7.5 | | 41 |
| 119 W | " | CW-7 | 6 | | 7.5 | | 37 |
| 120 W | " | K-801 | 12 | | 7.6 | | |
| 121 W | " | DW-1 | 2 | | 7.1 | 0 | 28 |
| 122 W | " | DW-3 | 9 | | 7.6 | 1 | 123 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED February 27, 1959

# REPORT OF WATER ANALYSES

REPORT NO.___ _____

Distribution:
E. C. Bollinger H. F. Henry
W. C. Hartman H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1 M | January Composite | CW-1 | | | | 7 | |
| 2 M | " | CW-3 | | | | 2 | |
| 3 M | " | CW-4 | | | | 1 | |
| 4 M | " | CW-5 | | | | 0 | |
| 5 M | " | CW-6 | 0 | | | 0 | |
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NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Cent[illegible]es K25RC
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Special Analysis Section

SU[illegible]VISOR T. Kusunoki

DATE RELEASED February 27, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 1

Distribution:

E. C. Bollinger H. F. Henry
W. C. Hartman H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 94 W | 1/31/59 | CW-1 | 84 | 2.6 | 7.1 | | 83 |
| 95 W | " | CW-3 | 11 | 0.7 | 7.7 | | 33 |
| 96 W | " | CW-4 | 11 | 0.5 | 7.9 | | 38 |
| 97 W | " | CW-5 | 6 | | 7.9 | | 81 |
| 98 W | " | CW-6 | | 0.0 | 7.8 | | 36 |
| 99 W | " | CW-7 | 7 | | 8.2 | | 53 |
| 100 W | " | DW-1 | 4 | | 7.2 | 1 | 67 |
| 101 W | " | DW-3 | 6 | | 8.0 | 1 | 52 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Iwanoski

DATE RELEASED February 27, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 50

Distribution:
E. C. Bollinger H. F. Henry
W. C. Hartman H. G. P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 73 W | 1/24/59 | CW-1 | 20 | 1.0 | 7.4 | | 21 |
| 74 W | " | CW-3 | 2 | 0.8 | 7.4 | | 41 |
| 75 W | " | CW-4 | 1 | 0.5 | 7.2 | | 40 |
| 76 W | " | CW-5 | 0 | | 8.0 | | 80 |
| 77 W | " | CW-6 | | 0.3 | 7.4 | 1 | 109 |
| 78 W | " | CW-7 (K-901) | 12 | | 7.3 | | 65 |
| 79 W | " | K-801 | | | 8.8 | | |
| 80 W | " | DW-1 | 5 | | 7.3 | 0 | 76 |
| 81 W | " | DW-3 | 0 | | 7.8 | 0 | 45 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
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SU[illegible]VISOR T. Kwasnoski

DATE RELEASED February 27, 1959

# REPORT OF WATER ANALYSES

REPORT NO. _____

Distribution:
E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppm. | FLUORIDES ppm. | pH | Counts per min/~~100 ml.~~ gram ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| MM 41 | 11/22/58 | MM-1 | 33 | | | 67 | 310 |
| MM 42 | 11/23/58 | MM-2 | 282 | | | 1007 | 1294 |
| MM 43 | 11/24/58 | MM-3 | 22 | | | 34 | 568 |
| MM 44 | 11/25/58 | MM-4 | 2 | | | 5 | 216 |
| MM 45 | 11/26/58 | MM-5 | 2616 | | | 1177 | 2584 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED February 27, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 8

Distribution:

E.C. Bollinger
W.C. Hartman
H.F. Henry
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 53 W | 1/17/59 | CW-1 | 37 | 1.5 | 7.1 | | 13 |
| 54 W | " | CW-3 | 11 | 0.3 | 8.0 | | 84 |
| 55 W | " | CW-4 | 2 | 0.3 | 8.1 | | 88 |
| 56 W | " | CW-5 | 2 | | 7.6 | | 16 |
| 57 W | " | CW-6 | | 0.5 | 8.2 | | 52 |
| 58 W | " | CW-7 | 6 | | 8.0 | 2 | 349 |
| 59 W | " | K-801 | 15 | | 7.8 | | |
| 60 W | " | DW-1 | 2 | | 7.5 | 0 | 30 |
| 61 W | " | DW-3 | 3 | | 7.8 | 0 | 73 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]s K25RC
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Special Analysis Section

SU[illegible]VISOR T. Kwoodoli

DATE RELEASED Feb[illegible]ry 6, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 47

Distribution:

E.C. Bollinger
W.C. Hartman
H.F. Henry
H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 33 W | 1/10/59 | CW-1 | 89 | 1.3 | 7.1 | | 17 |
| 34 W | " | CW-3 | 10 | 0.2 | 8.1 | | 48 |
| 35 W | " | CW-4 | 2 | 0.0 | 8.1 | | 52 |
| 36 W | " | CW-5 | 3 | | 7.7 | | 41 |
| 37 W | " | CW-6 | | 0.0 | 7.4 | | 23 |
| 38 W | " | CW-7 | 3 | | 8.2 | | 40 |
| 39 W | " | K-801 | 34 | | 7.6 | | |
| 40 W | " | DW-1 | 1 | | 7.3 | 0 | 22 |
| 41 W | " | DW-3 | 2 | | 7.9 | 0 | 44 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kurosaki

DATE RELEASED February 6, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 2

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| 1 W | 1/3/59 | CW-1 | 52 | 0.6 | 7.5 | | 89 |
| 2 W | " | CW-3 | 7 | 0.2 | 7.8 | | 59 |
| 3 W | " | CW-4 | 3 | 0.0 | 7.7 | | 47 |
| 4 W | " | CW-5 | 2 | | 7.5 | | 33 |
| 5 W | " | CW-6 | | 0.1 | 7.4 | | 41 |
| 6 W | " | CW-7 | 6 | | 7.7 | | 29 |
| 7 W | " | DW-1 | 1 | | 7.2 | | 33 |
| 8 W | " | DW-3 | 2 | | 7.2 | | 0 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]es K25RC
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Special Analysis Section

SU[illegible]VISOR T. Furnoshi

DATE RELEASED February 6, 1959

# REPORT OF WATER ANALYSES

REPORT NO. 5

Distribution:
E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 834 W | 12/27/58 | CW-1 | 88 | 4.6 | 7.5 | | 26 |
| 835 W | " | CW-3 | 13 | 2.3 | 7.6 | | 34 |
| 836 W | " | CW-4 | 6 | 0.0 | 7.7 | | 35 |
| 837 W | " | CW-5 | 0 | | 7.9 | | 31 |
| 838 W | " | CW-6 | | 1.1 | 7.8 | | 16 |
| 839 W | " | CW-7 | 3 | | 8.0 | | 27 |
| 840 W | " | K-801 | 74 | | 7.6 | | |
| 841 W | " | DW-1 | 0 | | 7.5 | 1 | 22 |
| 842 W | " | DW-3 | 3 | | 7.7 | 4 | 80 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kusnoski

DATE RELEASED February 6, 1959

# REPORT OF WATER ANALYSES

REPORT NO. F

Distribution:

E.C. Bollinger H.F. Henry
W.C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | Counts per min/100 ml. BETA |
|---|---|---|---|---|---|---|---|
| 825 W | 12/20/58 | CW-1 | 330 | 2.6 | 7.8 | 23 | 20 |
| 826 W | " | CW-3 | 11 | 0.7 | 7.7 | | 27 |
| 827 W | " | CW-4 | 6 | 0.0 | 8.0 | | 10 |
| 828 W | " | CW-5 | 2 | | 8.0 | | 10 |
| 829 W | " | CW-6 | | 0.0 | 7.5 | | 12 |
| 830 W | " | CW-7 | 3 | | 8.1 | | 9 |
| 831 W | " | K-801 | 48 | | 7.5 | | |
| 832 W | " | DW-1 | 1 | | 7.6 | 0 | 13 |
| 833 W | " | DW-3 | 2 | | 7.8 | 1 | 15 |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Centr[illegible]es K25RC
Works Laboratory [illegible]rtment
Special Analysis S[illegible]ion

SU[illegible]VISOR T. Kwasowski

DATE RELEASED Feb[illegible]ry 6, 1959

# REPORT OF WATER ANALYSES

REPORT NO. [redacted] 2

Distribution:

E.C. Bollinger H.F. Henry
W. C. Hartman H.G.P. Snyder

| SAMPLE NUMBER | DATE SAMPLED | SAMPLING LOCATION | URANIUM ppb. | FLUORIDES ppm. | pH | Counts per min/100 ml. ALPHA | BETA |
|---|---|---|---|---|---|---|---|
| M-62 | December Composite | CW-1 | <1 | | | 11 | |
| M-63 | " | CW-3 | | | | 1 | |
| M-64 | " | CW-4 | | | | 0 | |
| M-65 | " | CW-5 | | | | 1 | |
| M-66 | " | CW-6 | | | | 0 | |

NOTE: *Alpha counts per minute per 100 ml. water at 50% geometry.*
*Beta counts per minute per 100 ml. water at 100% geometry.*
*All Mud Results per gram dry weight.*

WCX-1012 (8-55)
Laboratory Central Files K25RC
Works Laboratory Department
Special Analysis Section

SUPERVISOR T. Kwasnoski

DATE RELEASED January 29, 1959