

TENTATIVE

RESOLUTION
WASTE DISCHARGE REQUIREMENTS
VALLEY WASTE DISPOSAL CO.
RACE TRACK HILL AREA, EDISON OIL FIELD
KERN COUNTY

RESOLUTION No: 58-349

ADOPTED: 18 SEPT. 1958

WHEREAS, THE RACE TRACK HILL AREA IS LOCATED IN THE NORTHEAST PORTION OF THE EDISON OIL FIELD APPROXIMATELY EIGHT MILES EAST OF BAKERSFIELD; AND

WHEREAS, WASTE WATER FROM THE PRODUCTION OF OIL IN THIS AREA IS OF POOR MINERAL QUALITY, HIGH IN BORON AND CHLORIDE CONTENT, AND CONSIDERABLY INFERIOR TO LOCAL GROUND WATER; AND

WHEREAS, THE LOCAL GROUND WATER IS USED EXTENSIVELY FOR DOMESTIC AND IRRIGATION PURPOSES AND IS OF SATISFACTORY QUALITY FOR THESE USES; AND

WHEREAS, THE DISPOSAL OF WASTE WATER TO THE ALLUVIUM IN THIS AREA CONSTITUTES A THREAT OF POLLUTION TO THE USEABLE GROUND WATER; AND

WHEREAS, RESOLUTION No. 57-16 WAS ADOPTED BY THE CENTRAL VALLEY REGIONAL WATER POLLUTION CONTROL BOARD ON 10 JANUARY 1957, STATING "THAT NO THREAT OF GROUND WATER POLLUTION WILL EXIST IN THIS AREA SO LONG AS WASTE WATERS FROM THE RACE TRACK HILL AREA OF THE EDISON OIL FIELD ARE DISPOSED OF BY MEANS OF INJECTION INTO SALINE WATER-BEARING FORMATIONS BELOW THE BASE OF THE FRESH WATER OR BY MEANS OF PERCOLATION INTO PERMEABLE MIOCENE FORMATIONS WHICH DIP BELOW THE USEABLE GROUND WATER LEVELS;" AND

WHEREAS, SHELL OIL COMPANY DESIGNED A COMPLETE INJECTION SYSTEM BUT WERE UNABLE TO GET PERMISSION FROM THE LAND OWNERS TO INJECT THE WASTE WATER AND IT WAS FELT THAT THEIR POSITION WAS WEAK BECAUSE OF THE GEOLOGICAL STRUCTURE WITH NUMEROUS FALT BLOCKS WHICH OFFERED AN OPENING FOR FUTURE LEGAL LIABILITY; AND

WHEREAS, VALLEY WASTE DISPOSAL COMPANY, AS REPRESENTATIVE FOR THE OPERATORS IN THE AREA, HAS ATTEMPTED TO PURCHASE OR OBTAIN A LONG TERM LEASE FOR LAND ON WHICH TO CONSTRUCT AND OPERATE PERCOLATION PONDS ON THE OUTCROP OF THE MIOCENE FORMATION NORTHEAST OF THE RACE TRACK HILL AREA BUT WERE UNABLE TO MAKE ANY REASONABLE NEGOTIATIONS; AND

WHEREAS, VALLEY WASTE DISPOSAL COMPANY HAS RECEIVED OFFERS FROM THE OWNERS OF THE W 1/2 AND SE 1/4 OF SEC. 24, T29S, R29E, MDB&M FOR PROPERTY ON WHICH TO CONSTRUCT AND OPERATE SUCH PERCOLATION PONDS; AND

WHEREAS, THIS PROPERTY IS LOCATED APPROXIMATELY THREE MILES NORTH EAST OF THE RACE TRACK HILL AREA ADJACENT TO THE OUTCROP OF THE MIOCENE FORMATION; AND

WHEREAS, THIS AREA IS CHARACTERIZED BY RELATIVELY BARREN HILLS WHICH ARE USED ALMOST EXCLUSIVELY FOR LIVESTOCK GRAZING; AND

WHEREAS, THERE ARE NO FRESH WATER PRODUCING WELLS IN THIS VICINITY; AND

WHEREAS, WASTE WATER CONFINED TO PERCOLATION PONDS IN THIS AREA WILL PROBABLY PERCOLATE DOWNWARD INTO THE MIOCENE FORMATIONS AND MIGRATE HARMLESSLY BELOW ANY FRESH WATER-BEARING FORMATIONS; AND

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WHEREAS, WASTE WATER OVERFLOWING BEYOND THE CONFINES OF ANY PERCOLATION PONDS CONSTRUCTED IN THIS AREA WILL MIGRATE TOWARD COTTONWOOD CREEK WHICH EMPTIES INTO KERN RIVER; AND

WHEREAS, IT IS THE INTENT OF THE CENTRAL VALLEY REGIONAL WATER POLLUTION CONTROL BOARD TO PROTECT ANY SURFACE OR UNDERLYING GROUND WATERS FROM POLLUTION BY THE DISCHARGE OF WASTE WATER FROM THE PRODUCTION OF OIL IN THE RACE TRACK HILL AREA AND TO PREVENT SUCH DISCHARGE FROM CREATING A PUBLIC NUISANCE DUE TO ODORS OR UNSIGHTLINESS; THEREFORE BE IT

RESOLVED, THAT THE CENTRAL VALLEY REGIONAL WATER POLLUTION CONTROL BOARD CONSIDERS THAT THE TRANSFER OF WASTE WATER FROM THE PRODUCTION OF OIL IN THE RACE TRACK HILL AREA TO PERCOLATION SUMPS LOCATED IN SECTION 24, T29S, R29E, MDB&M IS A SATISFACTORY METHOD FOR PROTECTING THE LOCAL GROUND WATER; AND BE IT FURTHER

RESOLVED, THAT THE FOLLOWING REQUIREMENTS SHALL GOVERN THE NATURE OF DISCHARGE OF WASTE WATER FROM THE PRODUCTION OF OIL IN THE RACE TRACK HILL AREA OF EDISON OIL FIELD BY VALLEY WASTE DISPOSAL COMPANY:

1. NEITHER THE WASTE DISCHARGE NOR ITS METHOD OF DISPOSAL SHALL RESULT IN THE POLLUTION OF SURFACE OR UNDERLYING GROUND WATER;
2. NEITHER THE WASTE DISCHARGE NOR ITS METHOD OF DISPOSAL SHALL CREATE A PUBLIC NUISANCE BY REASON OF ODORS OR UNSIGHTLINESS IN THE DISPOSAL AREA;
3. WASTE WATER DISCHARGED OR OVERFLOWING ONTO THE SURFACE OF THE GROUND, OR INTO NATURAL DRAINAGE CHANNELS OR INTO UNLINED SUMPS OTHER THAN THOSE CONSTRUCTED IN SECTION 24, T29S, R29E, MDB&M SHALL CONFORM TO THE FOLLOWING CRITERIA:
 - A. TOTAL DISSOLVED SOLIDS SHALL NOT EXCEED 1000 PARTS PER MILLION.
 - B. CHLORIDES SHALL NOT EXCEED 150 PARTS PER MILLION.
 - C. BORON SHALL NOT EXCEED 1.0 PART PER MILLION.

RESOLVED FURTHER, THAT VALLEY WASTE DISPOSAL COMPANY BE REQUIRED TO FURNISH THE CENTRAL VALLEY REGIONAL WATER POLLUTION CONTROL BOARD WITH ANY PERTINENT DATA RELATIVE TO THE WASTE DISPOSAL SYSTEM INCLUDING:

1. PLAN SHOWING LAYOUT OF WASTE WATER COLLECTION AND DISPOSAL SYSTEMS.
2. LIST OF OPERATORS CONTRIBUTING WASTE WATER TO THE SYSTEM TOGETHER WITH APPROXIMATE AMOUNT OF WATER FROM EACH.
3. ANY SIGNIFICANT CHANGES IN THE DISPOSAL SYSTEM AS THEY OCCUR.

RESOLVED FURTHER, THAT RESOLUTION 57-16 IS HEREBY RESCINDED.

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IF THERE ARE ANY FUTURE CHANGES IN THE CONDITIONS OF DISCHARGE OR USE OF THE DISPOSAL AREA, IT MAY BE NECESSARY FOR THE CENTRAL VALLEY REGIONAL WATER POLLUTION CONTROL BOARD TO REVISE THESE REQUIREMENTS TO CONFORM TO THE NEW CONDITIONS OR USE.

THESE REQUIREMENTS DO NOT AUTHORIZE THE COMMISSION OF ANY ACT RESULTING IN THE INJURY TO THE PROPERTY OF ANOTHER OR PROTECT THE DISCHARGER FROM HIS LIABILITIES UNDER FEDERAL, STATE OR LOCAL LAWS.

/s/ CLIFFORD E. PLUMMER

CHAIRMAN

ATTEST:

/s/ JOSEPH S. GORLINSKI

EXECUTIVE OFFICER

