Doc. 3626 Att. 8



## **EXHIBIT 8**

## **Marcel Moreau Deposition Excerpts**

 Pages 187-188, 200, 204, 767, 773-774, 780 from the deposition testimony of Marcel Moreau, taken April 4, 2012 and April 11, 2012.

Page 186 Page 188 1 1 I don't have any record specific to formed in this case, is it your opinion that a 2 a spill bucket, and I don't see any permit 2 leak into the environment occurred after 1998 3 3 from the containment sumps in the vicinity of the applications. A permit would have been required 4 4 if the work was done. I don't know exactly when dispenser area? 5 5 that would have started. Sometime in the early We don't have any post '98 soil 6 6 '90s, if not sooner. So the available evidence sampling results from underneath the dispensers. 7 7 So we have identified some instances when there indicates or doesn't indicate that a spill bucket 8 8 was added to this facility in the 1990 time frame were releases from within the dispenser cabinet. 9 9 or any time in the 1990's. I'm not able to establish whether those releases 10 So there is soil contamination in 10 were successfully contained or whether they made O. 11 11 the vicinity of the tank area, and the precise it into the environment. 12 12 cause of that contamination cannot be identified For the period prior to 1998, do 13 because of the lack of documentation in the 13 you have any maintenance records indicating that 14 14 maintenance was performed and leaks were observed records as they exist today? 15 15 at the dispensers at the Red Triangle facility? MS. O'REILLY: Vague and ambiguous. 16 16 MS. O'REILLY: Asked and answered. Go ahead. 17 17 A. As far as the records that I have A. This was leaks in dispensers and 18 18 piping? reviewed, there are no records that point to 19 19 specific releases associated with what I would O. It's for the period 19 -- prior to 20 20 call the tank area. There is contaminated soil, 1998, do you have any records indicating that 21 so something happened in the area. The records 21 maintenance was performed and leaks were observed 22 22 at the dispensers at the Red Triangle facility? of what those events might be are not present in 23 23 the record. A. Yes. 24 O. With regard to the piping and 24 Q. And what records do you have? 25 dispenser area releases, there is a reference to 25 A. If we look at the document listing, Page 187 Page 189 1 an inspection in August of 2000 where evidence of 1 Page 11 of 22, the bottom entry. 2 fuel releases were found in the dispenser 2 O. I'm with you. 3 containment sumps with an active leak in one 3 There's an indication that there 4 4 was a leak in a union at a sump found as well as dispenser. 5 5 Are the dispenser containment sumps the plug above the impact valve, the bottom 6 referred to on Page 5 of 6 of your report for the 6 language. 7 7 Red Triangle facility under pan -- pardon me --Q. And this is in August of 1998? 8 8 under dispenser pans which contain leaks from the A. I have it as June of '98. 9 dispensers and prevent them from entering the 9 O. Okay. 10 10 environment? Wait a minute. Wait a minute. 11 MS. O'REILLY: Assumes facts, lacks 11 Yeah, the general entry is June of '98, but the 12 foundation. Go ahead. 12 specific reference appears to be an August '98 13 13 The purpose of a dispenser pan is event. 14 14

A. The purpose of a dispenser pan is to capture releases from the -- any of the dispenser components above the dispenser pan. It's not uncommon for dispenser pans to not be liquid tight, even though that's what they're suppose to do. In cases such as this, I would look for testing records that would establish the integrity of the dispenser pan. In this particular case, we were not able to find or we did not have any testing records for the containment sump, so we don't know whether that sump was liquid tight or not.

Q. With regard to the opinions you've

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Q. And the August '98 event that's described is for a release of diesel product; am I correct?

A. That specific incident was for diesel, that's correct.

Q. Are there any records of maintenance having occurred at the facility prior to 19 -- in or prior to 1998 which indicated that leaks were observed in the dispensers with gasoline being the product released?

MS. O'REILLY: Asked and answered.
For the period 1998 and before,

48 (Pages 186 to 189)

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Page 198 Page 200 1 O. Is there any evidence to indicate 1 evidence, I don't think I have -- I don't have an 2 that the tanks at the Red Triangle facility prior 2 opinion as to whether or not there were releases 3 3 to 1998 failed a integrity test? from the post-'98 storage system. 4 4 Was there any evidence that you All the test records that we 5 5 reviewed from the 1990's had a passing test reviewed in this case that prior to 1998 there 6 6 was documentation indicating there were repairs result. 7 7 or replacement of a leaking STP at the Red With respect to the tanks installed O. 8 8 in '98, were there any tests indicating that the Triangle station? 9 9 post '98 tank field experience, or post '98 tanks MS. O'REILLY: Same objections, 10 10 experienced any failures of integrity tests? vague and ambiguous. 11 There were few, if any, what I MS. O'REILLY: Vague and ambiguous. 11 12 12 I believe the only test results we would call maintenance or repair records present 13 have were the installation testing of the tanks, 13 in the file for the pre-1998 period, so I don't 14 14 have any specific repair records, but releases and it appears the tanks passed the tests in 15 15 September of '98. from STPs are fairly common occurrences. 16 16 Prior to 1998, are there any Did you see any URR reporting that 17 documents indicating that any of the product 17 there had been a release from any STP prior to 18 lines or associated equipment failed an integrity 18 1998 at the Red Triangle facility? 19 19 MS. O'REILLY: Assumes facts. Go 20 A. Prior to 1998, there's no 20 ahead. 21 indication of a failed tightness test on the 21 I believe I've already indicated A. 22 22 lines. That test would not have included, most that we don't have any URRs for the Red Triangle 23 23 likely would not have included the STPs or the facility, at least not in the documents that we 24 dispensers, however. 24 reviewed. That doesn't mean that releases didn't 25 With regard to the period after 25 Q. occur, just that they weren't reported. Page 199 Page 201 1 1 1998 and the new tanks were installed, were there With regard to the STPs prior to 2 any tests indicating that the product lines 2 1998, when the tank system was replaced, was 3 failed an integrity test after 1998? 3 there any documentation of the removal of 4 It appears they may have had some 4 contaminated or saturated soils in the vicinity 5 5 issues passing the original tightness test in of the STPs at this facility? 6 September of '98, but I don't believe we have any 6 MS. O'REILLY: Vague and ambiguous. 7 tightness test results after that date. 7 We have a statement that some A. 8 8 Based on your review of the records petroleum hydrocarbon odors were noted from the 9 9 in this case, is it your opinion that there was a tank pit at the west end of the pit under the 10 10 release from the new tank system with secondary gasoline tanks, and this is for the December 28th 11 11 UST removal report, so this is the tank that was containment installed after 1998? 12 12 removed in December of '98. What I don't have MS. O'REILLY: Vague and ambiguous, 13 13 overbroad. is, or at least I'm not recalling whether I have 14 14 A. I don't believe we have any soil a diagram that indicates which end of the tanks 15 information, soil contaminant, or let me see. We 15 the STPs for that particular tank field were 16 don't have any soil samples taken after 1998 from 16 located. So we have indications of contamination 17 17 relevant areas that would reveal whether there at one end of the tanks. I would need do some 18 were post-1998 releases, so I can't say whether 18 research to determine whether that was the STP --19 19 whether that was the end of the tanks where the or not we have evidence of that. 20 20 Is it your opinion, though, that STPs were located. 21 there were releases from the 1998 installed tank 21 And looking at your report, there 22 22 system? are some 1998 graphics for the Red Triangle 23 MS. O'REILLY: Asked and answered. 23 facility, and specifically we are referring to 24 Go ahead. 24 RWQCB-FRESNO-009928 and 009936.

Are those the only graphics that

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I would say given the lack of

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A.

Page 202 Page 204 1 you have from Parker Environmental or any other 1 first diagram. 2 consultant or agency illustrating the location of 2 Q. Okay. I got it. 3 3 A. You got it? the tanks at the Red Triangle facility that were 4 4 O. That would be RWQCB-FRESNO-010508? removed in December 1998? 5 5 MS. O'REILLY: Vague and ambiguous, A. Correct. So my understanding of 6 6 this facility is that in the lower left corner of overbroad. Go ahead. 7 7 I would say those are probably not that diagram there was essentially a retail fuel 8 8 the only graphics. Having gone through this facility that contained some storage tanks and 9 9 exercise in other cases, I determined that it dispensers, and then sort of in the middle of 10 10 would be helpful to have some diagrams when we that diagram there's a dotted line that says 11 11 were going through our deposition, and so as I "Former UST Locations," and those would be the 12 12 was reviewing documents, I would select out ones that contained gasoline, diesel, and I think 13 graphics, primarily ones that showed soil sample 13 weed oil in one of those tanks. I believe the 14 14 locations. So these are just not quite random, releases from the tanks that I was describing 15 15 earlier are the ones from the non-retail side of but they're selections of the graphics that were 16 available. 16 the facility, the ones that would be in the 17 17 If I were trying to identify the middle of that diagram. So in my mind, they were 18 location of an STP. I would first start with some 18 distinguished as retail and non-retail. 19 19 of the tank test records that we have, 'cause And the non-retail were used for 20 20 those often times include a diagram of the site fueling a fleet of vehicles? 21 and would indicate where the STPs might be 21 It was never clear to me what they 22 22 were used for. They didn't particularly appear located. 23 23 And do you have any of those in to be associated with dispensers. I couldn't 24 your collection of documents that reflect the 24 quite determine what exactly those tanks were 25 location of the submerged turbine pumps on this 25 used for, whether this was a bulk plant of some Page 203 Page 205 1 1 particular tank field? kind or a repackaging facility of some kind or 2 2 MS. O'REILLY: Asked and answered. what was going on. 3 Go head. 3 With regard to the Red Triangle 4 They may be present in my hard 4 facility, did you have any information by which A. 5 5 drive, but I would need to go look them up. you could estimate the volume of gasoline sold at 6 And with respect to the reference 6 this facility prior to 1998 on an annual basis? 7 7 to this particular facility and tank field, are A. From the retail or non-retail or 8 8 you talking about the UST removal at 2808 South either? 9 9 Chestnut or are you referring to the removal at O. Either. 10 the adjacent facility? 'Cause there were two, 10 Based on my recent review of the 11 correct? 11 document listing, it doesn't appear that -- oh, 12 MS. O'REILLY: Okay. There are 12 wait a minute. 13 13 two, Bill, but I think they're at the same We had some inventory quarterly, 14 address. Why don't you have him explain his 14 the quarterly inventory reconciliation documents 15 report. 15 that were submitted in the early '90s for this 16 More importantly, it's just when 16 facility. I would go there first to see if they Q. 17 you made reference to this notation, do you know 17 had some through-put information, but I don't 18 which tank field they were talking about, was it 18 have any on the top of my head. 19 19 the one just with the gasoline tanks or is it the O. With respect to the work that you 20 location where they had a combination of kerosene 20 did in this case, did you determine what the 21 and diesel and gasoline? 21 allowable stock loss tolerance would be for the 22 22 A. If you look just a couple pages tanks that were in use at the facility prior to 23 ahead. 23 1998, either retail or non-retail? 24 24 Q. Okay. A. What the inventory tolerance might

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be?

There's a diagram right -- the very

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A.

Page 765 Page 767 1 we have would point to submersible pumps and 1 this site? 2 deliveries. The record really is silent about what 2 The Facility Summary doesn't describe 3 3 was happening in the middle of the tanks. So we can any specific spill events that we discovered in 4 4 definitely identify submersibles and delivery reviewing the documents associated with this site. 5 5 spills, and we don't really have enough information So we don't have a -- any documentation of a specific 6 6 to say whether tank top fittings may have been an spill event. 7 7 additional source of release or not. If the customer spill section reads Q. BY MR. PÉREZ: 8 8 as this one does for this site, as many of them do 9 9 Q. On page 2 of 4 in the February 18th, for other sites, can we assume from this -- from 10 10 1999 entry, you mentioned product line trenches, and these two sentences, that you have used with respect 11 11 indicate that no analytes were detected in the simple to many sites, that you found no documentation in 12 sample collected -- in the single sample collected, 12 your document review that indicated the occurrence of 13 excuse me, at 3 feet bgs. Do you see that? 13 a specific customer spill or a spill during vehicle 14 14 A. I see that, yes. fueling activities at the site? 15 15 MS. O'REILLY: Vague and ambiguous. Q. Is it your opinion that the product 16 lines are not a potential source of releases at 16 Misstates testimony. 17 Beacon 3519? 17 Go ahead. 18 MS. O'REILLY: Misstates the document. 18 THE WITNESS: I believe that would generally 19 Vague and ambiguous. 19 be correct. That if we found documentation of a 20 THE WITNESS: No. It would be my opinion 20 specific spill, it was certainly our intent to 21 that, based on a single soil sample, there was no 21 include it in this section of the report. 22 22 contamination associated with that particular And so if there is no -- there are no 23 23 location of the piping. There were other locations references to specific spills, then I think it's a 24 along the piping where samples might have been taken 24 fair -- it's fair to conclude that we did not find 25 25 any specific documentation relative to spills in the but were not. Page 766 Page 768 1 So the record we have doesn't point to 1 documents that we reviewed. 2 piping releases, but I wouldn't offer the opinion 2 BY MR. PÉREZ: 3 that there were no piping releases from this site. 3 Q. Did you evaluate for this site 4 BY MR. PÉREZ: 4 whether any off-site source contributed to the 5 5 Q. Would your answer to the question of presence of MTBE at the site? 6 when the earliest release of MTBE -- or MTBE gasoline 6 MS. O'REILLY: Assumes facts. Lacks 7 occurred at the site be the same as it was when I 7 foundation. 8 8 asked the same question regarding 5th Wheel? THE WITNESS: For our purposes, we were just 9 9 MS. O'REILLY: Vague and ambiguous. trying to determine whether the facilities at this 10 10 Go ahead. site had had a release. There is ample evidence of 11 THE WITNESS: Yes, it would. But the --11 soil contamination immediately adjacent to the tank 12 that customer spillage is a routine event and 12 and dispenser components at this site and well above 13 probably would have -- would have begun to occur very 13 the water table. So we did not investigate whether 14 shortly after the first load of MTBE gasoline was 14 there might have been an off-site contribution to the 15 15 delivered to the site. groundwater contamination at this site. BY MR. PÉREZ: 16 16 BY MR. PÉREZ: 17 17 Q. And would you answer that question Q. On page 3 of 4 in the March 15th, 18 18 the same way for the remaining sites that we're 2004 entry you mention a well, City of Fresno 19 19 discussing? Municipal Well 30A that's located about 600 feet west 20 20 A. Unless we have reference to a of the site, correct? 21 21 specific spill, I believe -- at some of these other A. That's the general content of that 22 22 sites, then I believe the answer would be the same. sentence, yes.

You don't have any opinions regarding

whether contamination from this site or any other

site impacted or threatens to impact any particular

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Q. With respect to the customer spills,

of a small spill during vehicle fueling activities at

do you have any information indicating the occurrence

Page 773 Page 775 1 California gasoline. 1 other to have been the source of the release? 2 So June of '98 would be the last time or the 2 MS. O'REILLY: Vague and ambiguous. 3 3 last event where evidence of a release was Overbroad. 4 4 discovered -- of gasoline that contained MTBE. THE WITNESS: In general, I would say that 5 5 BY MR. PÉREZ: the submersible pump and adjacent piping is likely --6 б Q. And with respect to the January of is more likely to be a significant source of release 7 7 or a more significant source than a delivery spill. 2009 and January 2010 releases that you just 8 8 mentioned, you state for both of those, quote, "This I need to go and look up the soil sample 9 9 release likely did not contribute to the MTBE results, if you wanted to get more specific than that 10 10 contamination at this facility," closed quote. for this specific site. 11 Correct? 11 MR. PÉREZ: Not necessary. 12 12 Well, the first part of that sentence Q. For all -- for any of the releases A. 13 is, "MTBE should not have been present in California 13 that you discussed in the "Identification of MTBE motor fuel in 2010." One of them should have said 14 14 Releases" section, were you able to calculate the 15 15 209 (sic). volume of the release? 16 So this release likely did not contribute to 16 A. At this site? 17 the MTBE contamination at this facility, that's 17 Q. Yes. 18 18 MS. O'REILLY: Vague and ambiguous. correct. 19 19 And this is a case where in the THE WITNESS: Except for the customer spill 20 "Customer Spill" section you do mention a specific 20 in August of 2005, the volume released was not able 21 customer release occurring in August of 2005, 21 to be determined for the other release incident or 22 22 correct? for the evidence of releases that was discovered at 23 Α. That is correct. 23 various times. 24 O. And that was also after the time that 24 BY MR. PEREZ: 25 MTBE was no longer in use in California gasoline, 25 Q. Were you able to determine the Page 774 Page 776 duration of any of the releases that you identified 1 right? 1 2 2 A. It should not have been present in for this site? 3 3 the gasoline, that's correct. A. For the active release discovered in 4 Q. For this site did you consider the 4 June of '94, the statement in the report is that, 5 5 possibility that any off-site source could have "When the leak began is not known." So we were not 6 contributed to the presence of MTBE at the site? 6 able to establish a start point for that release. 7 7 Again, the thrust of our And then for the other evidence of releases, 8 8 investigation was to determine whether releases had the statement is that the releases were likely 9 9 occurred at the storage systems at this particular intermittent. 10 10 On page 3 of 5, September --11 In this particular case, there was ample 11 September 27th, 1998 entry you note that, "The Tank 12 evidence of soil contamination immediately adjacent 12 Closure Report indicated that the tanks removed were 13 to the storage systems, well above the water table. 13 in good condition and there were no holes or pitting 14 So I did not feel the need to investigate whether 14 observed in any of the USTs." Do you see that? 15 15 off-site sources of contamination may have A. I see that, yes. 16 contributed to the contamination at this site. 16 Does that indicate to you that there 17 17 On page 4 of 5, with respect to the was never a release from the tanks themselves at this 18 18 June of 1998 release discussed in the last paragraph; site? 19 19 do you see that? MS. O'REILLY: Vague and ambiguous. 20 Overbroad. 20 A. I do. 21 21 You mention possible sources of that THE WITNESS: As I've discussed before, the 22 release being delivery spills or leaks from the 22 type of observations that are made during tank 23 submersible pump or adjacent piping. Do you have any 23 removal are typically very cursory. So I take this 24 24 to be an indication that there was no obvious holes opinion with respect to which of those two possible 25 sources that you mention is more likely than the in the tank from the outside.

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I would point out that internal corrosion holes are very difficult to spot. So the indications are that there were no holes observed when these tanks were removed. I wouldn't go so far to say that the tanks themselves never leaked. BY MR. PÉREZ:

- Q. Let's go on to the next site, please, which is Fresno Valley Gas. If you could look at the Site Specific Report you prepared for that site. It's located at 2139 South Elm Street in Fresno.
  - A. I have that.

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12 Q. Looking at the "Identification of 13 MTBE Releases" section, would you agree that among 14 the releases discussed here in both the "Tank Area Releases" and the "Piping and Dispenser Area 15 16 Releases" section, for those releases prior to 1992, 17 none of those contributed to the presence of MTBE at 18 the site; is that correct?

19 MS. O'REILLY: Misstates the document. 20 Vague and ambiguous.

THE WITNESS: There's several actual release incidents -- or active releases that were discovered in the time period before 1992. And the statement associated with those in the report is that MTBE was not commonly present in California gasoline in --

release incidents, I was not able to determine the start of the release for any of those incidents that were identified.

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With regard to the evidence of a release provided by soil contamination, the report states that the releases were likely intermittent. BY MR. PÉREZ:

- Q. And were you able to identify the source for any of the releases you identified in this section for this site?
- A. There were a number of sources identified. Do you want to go through the list?
  - Q. Sure.

 In August of '89, the unleaded turbine pump was observed to be leaking. A fill riser was found to be leaking in April of 1992. The specific tank is not identified. Piping and dispensers 4 and 6 were observed to be leaking in August of '89.

A piping leak was identified in the Premium dispenser in October of 1990. A piping leak in a dispenser riser, the particular dispenser is not identified, was observed in April of 1992. A leak in the Unleaded piping was repaired in August of 1999. A piping leak near the southern dispenser islands was

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1 insert the appropriate date -- but it would be before 2 the fall of 1992. So it's unlikely that this release 3 contributed to the MTBE contamination at this 4

So without having specific information about a gasoline supplier, sort of the default opinion is that a release of MTBE was unlikely prior to the fall of '92.

9 BY MR. PÉREZ:

> O. For any of the releases discussed in the "Identification of MTBE Releases" section for this site, were you able to determine the volume of the release?

MS. O'REILLY: Asked and answered. Vague and ambiguous.

Go ahead.

THE WITNESS: A specific volume for any of the releases or any of the evidence of releases that was discovered could not be determined with the documentation that was provided.

21 BY MR. PÉREZ:

22 Q. Were you able to determine the 23 duration of any of these releases? 24 MS. O'REILLY: Same objections. 25 THE WITNESS: With regard to the actual Page 780

1 repaired in November of '99.

I think that's it for the actual releases that were identified.

Q. Do you have any opinions regarding the occurrence of a release at this site between the fall of 1992 and August of 1999?

7 MS. O'REILLY: Vague. Ambiguous. 8

Overbroad.

9 BY MR. PÉREZ:

> Q. If you look on page 4 of 5, just to help you answer the question. Under the "Piping and Dispenser Area Releases," the third paragraph talks about a spill in April of 1992. And you have stated earlier that MTBE was not commonly present in California gasoline beginning in the fall of 1992, correct?

And the next paragraph talks about a release or a line leak repair in August of '89.

So in between those two incidents, do you have any opinion regarding the occurrence of any release in that time frame?

MS. O'REILLY: Vague. Ambiguous. Overbroad. Asked and answered.

THE WITNESS: The documented release incidents are -- or there's a gap in the documented

20 (Pages 777 to 780)